

## UGC NET 2023 Dec Session Exam\_Dec 2023

Test Date	12/12/2023
Test Time	9:00 AM - 12:00 PM
Subject	01 Economics

Section : General Paper

### Comprehension:

The following Table shows the year-wise data of number of registered cars for four years from 2017 to 2020 in four cities (A, B, C and D). The last column shows the data of population of these cities for the year 2020. Based on the data given in the table answer the questions that follow.

Cities	Numbers of Registered cars				In the year 2020 Population of the Cities (In Million)
	2017	2018	2019	2020	
A	7500	8000	9000	9500	0.8
B	1200	1350	1400	1500	0.2
C	6000	7500	8500	10000	0.6
D	5000	6000	6600	7400	0.75

### SubQuestion No : 1

Q.1 In the year 2020, per capita registered cars were maximum in the city :

- (1) D
- (2) C
- (3) B
- (4) A

Options 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : MCQ

Question ID : 87827032998

Option 1 ID : 878270129845

Option 2 ID : 878270129846

Option 3 ID : 878270129847

Option 4 ID : 878270129848

Status : Answered

Chosen Option : 4

**Comprehension:**

The following Table shows the year-wise data of number of registered cars for four years from 2017 to 2020 in four cities (A, B, C and D). The last column shows the data of population of these cities for the year 2020. Based on the data given in the table answer the questions that follow.

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**SubQuestion No : 2**

**Q.2** Which city has shown maximum percentage growth (%) in registered cars from 2017 to 2020 ?

- (1) A  
(2) B  
(3) C  
(4) D

**Options** 1. 1

2. 2  
3. 3  
4. 4

Question Type : **MCQ**

Question ID : **87827032997**

Option 1 ID : **878270129841**

Option 2 ID : **878270129842**

Option 3 ID : **878270129843**

Option 4 ID : **878270129844**

Status : **Not Answered**

Chosen Option : --

**Comprehension:**

The following Table shows the year-wise data of number of registered cars for four years from 2017 to 2020 in four cities (A, B, C and D). The last column shows the data of population of these cities for the year 2020. Based on the data given in the table answer the questions that follow.

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**SubQuestion No : 3**

**Q.3** Based on the average growth percentage (%) of registered cars per year (in successive years during 2017 - 2020) in the city A, what will be the estimated number of registered cars in city A in the year 2021 ?

- (1) ~ 11225  
(2) ~ 10815  
(3) ~ 10415  
(4) ~ 10283

**Options** 1. 1

2. 2  
3. 3  
4. 4

Question Type : **MCQ**

Question ID : **87827033001**

Option 1 ID : **878270129857**

Option 2 ID : **878270129858**

Option 3 ID : **878270129859**

Option 4 ID : **878270129860**

Status : **Not Answered**

Chosen Option : --



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**Comprehension:**

The following Table shows the year-wise data of number of registered cars for four years from 2017 to 2020 in four cities (A, B, C and D). The last column shows the data of population of these cities for the year 2020. Based on the data given in the table answer the questions that follow.

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C	6000	7500	8500	10000	0.6
D	5000	6000	6600	7400	0.75

**SubQuestion No : 4**

**Q.4** What is the average of percentage growth (%) in registered cars across all the cities from the year 2017 to the year 2018 ?

- (1) ~ 18%
- (2) ~ 16%
- (3) ~ 14%
- (4) ~ 12%

**Options** 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **87827033000**

Option 1 ID : **878270129853**

Option 2 ID : **878270129854**

Option 3 ID : **878270129855**

Option 4 ID : **878270129856**

Status : **Not Answered**

Chosen Option : --

**Comprehension:**

The following Table shows the year-wise data of number of registered cars for four years from 2017 to 2020 in four cities (A, B, C and D). The last column shows the data of population of these cities for the year 2020. Based on the data given in the table answer the questions that follow.

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C	6000	7500	8500	10000	0.6
D	5000	6000	6600	7400	0.75

**SubQuestion No : 5**

**Q.5** Taking all the cities together, what is the ratio of total number of registered cars in the year 2020 with respect to 2017 ?

- (1) 284 : 197
- (2) 149 : 154
- (3) 142 : 79
- (4) 53 : 41

**Options** 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **87827032999**

Option 1 ID : **878270129849**

Option 2 ID : **878270129850**

Option 3 ID : **878270129851**

Option 4 ID : **878270129852**

Status : **Not Answered**

Chosen Option : --



Q.6

Which of the following computer memory types are volatile ?

- (A) CMOS memory
- (B) Cache memory
- (C) Flash memory
- (D) Hard disk
- (E) RAM

Choose the **correct** answer from the options given below :

- (1) (A), (B) and (E) Only
- (2) (A), (C) and (D) Only
- (3) (B), (C) and (E) Only
- (4) (B) and (E) Only

Options 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : MCQ

Question ID : 87827033030

Option 1 ID : 878270129973

Option 2 ID : 878270129974

Option 3 ID : 878270129975

Option 4 ID : 878270129976

Status : Answered

Chosen Option : 4

Q.7

Given below are two statements :

**Statement I :** A nuclear breeder reactor produces more fissile material than it consumes.

**Statement II :** Present share of nuclear energy in the energy mix of the country is more than that of renewable energy.

In the light of the above statements, choose the **most appropriate answer** from the options given below :

- (1) Both **Statement I** and **Statement II** are correct
- (2) Both **Statement I** and **Statement II** are incorrect
- (3) **Statement I** is correct but **Statement II** is incorrect
- (4) **Statement I** is incorrect but **Statement II** is correct

Options 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : MCQ

Question ID : 87827033034

Option 1 ID : 878270129989

Option 2 ID : 878270129990

Option 3 ID : 878270129991

Option 4 ID : 878270129992

Status : Answered

Chosen Option : 2





Q.8

Given below are two statements in the context of NEP 2020 :

**Statement (I) :** It is envisaged that all higher education institutions shall aim to become autonomous and have an empowered Board of Governors (BoG).

**Statement (II) :** Institutional Development plan shall be the sole responsibility of the members of (BoG).

In the light of the above statements, choose the **most appropriate answer** from the options given below :

- (1) Both **Statement I** and **Statement II** are correct
- (2) Both **Statement I** and **Statement II** are incorrect
- (3) **Statement I** is correct but **Statement II** is incorrect
- (4) **Statement I** is incorrect but **Statement II** is correct

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **87827033039**

Option 1 ID : **878270130009**

Option 2 ID : **878270130010**

Option 3 ID : **878270130011**

Option 4 ID : **878270130012**

Status : **Answered**

Chosen Option : **2**

Q.9

The automation element of online media has enabled the generation of :

- (1) Limited quantity of quality information
- (2) User specific information
- (3) Complex philosophical information
- (4) Non-specific general information

Options 1. 1

2. 2

3. 3

4. 4



Question Type : **MCQ**

Question ID : **87827033013**

Option 1 ID : **878270129905**

Option 2 ID : **878270129906**

Option 3 ID : **878270129907**

Option 4 ID : **878270129908**

Status : **Answered**

Chosen Option : **2**





**Q.10** Pick a correct observation from the following argument :  
"All dogs are cats  
All cats are whales  
Therefore, all whales are dogs"

- (1) It is valid argument and contains true premise and true conclusion
- (2) It is invalid argument and contains false premise and true conclusion
- (3) It is invalid argument and contains false premise and false conclusion
- (4) It is invalid argument and contains true premise and false conclusion

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **87827033024**

Option 1 ID : **878270129949**

Option 2 ID : **878270129950**

Option 3 ID : **878270129951**

Option 4 ID : **878270129952**

Status : **Answered**

Chosen Option : **4**

**Q.11** Analogy roughly corresponds to :

- (1) Anumiti
- (2) Upamiti
- (3) Agama
- (4) Pratyaksha

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4



Question Type : **MCQ**

Question ID : **87827033022**

Option 1 ID : **878270129941**

Option 2 ID : **878270129942**

Option 3 ID : **878270129943**

Option 4 ID : **878270129944**

Status : **Answered**

Chosen Option : **4**



**Q.12** Arrange the following universities in the chronological order of their establishment.

- (A) Banaras Hindu University
- (B) Jawaharlal Nehru University
- (C) University of Allahabad
- (D) University of Delhi

Choose the **correct** answer from the options given below :

- (1) (C), (A), (D) (B)
- (2) (A), (C), (D), (B)
- (3) (A), (D), (C), (B)
- (4) (A), (C), (B), (D)

**Options** 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **87827033038**

Option 1 ID : **878270130005**

Option 2 ID : **878270130006**

Option 3 ID : **878270130007**

Option 4 ID : **878270130008**

Status : **Answered**

Chosen Option : **1**

**Q.13** A researcher obtains the following  $p$  values for sample correlation coefficients of different samples. Which of these can be considered significant at 5 % level of significance ?

- (A) 0.5
- (B) 0.04
- (C) 0.95
- (D) 0.002
- (E) 0.995

Choose the **correct** answer from the options given below :

- (1) (A) and (E) Only
- (2) (B) and (D) Only
- (3) (C) and (E) Only
- (4) (A), (C) and (E) Only

**Options** 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **87827033011**

Option 1 ID : **878270129897**

Option 2 ID : **878270129898**

Option 3 ID : **878270129899**

Option 4 ID : **878270129900**

Status : **Answered**

Chosen Option : **2**

**Q.14** Given below are two statements : one is labelled as **Assertion (A)** and the other is labelled as **Reason (R)**.

**Assertion (A) :** In the less developed countries of the world indoor exposure to hazardous air pollutants is much more severe.

**Reason (R) :** Traditional methods of cooking often involve fuels such as coal, wood, animal dung, kerosene etc.

In the light of the above statements, choose the **most appropriate answer** from the options given below :

- (1) Both (A) and (R) are correct and (R) is the correct explanation of (A)
- (2) Both (A) and (R) are correct but (R) is **not** the correct explanation of (A)
- (3) (A) is correct but (R) is not correct
- (4) (A) is not correct but (R) is correct

**Options** 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **87827033032**

Option 1 ID : **878270129981**

Option 2 ID : **878270129982**

Option 3 ID : **878270129983**

Option 4 ID : **878270129984**

Status : **Answered**

Chosen Option : 1

**Q.15** Two friends A and B live 140 km apart. They both drive in a straight line towards each other to meet. If A drives at 80 km/h and B drives at 40 km/hr, then how many kilometres apart will they be exactly 45 minutes before they meet ?

- (1) 70 km
- (2) 90 km
- (3) 100 km
- (4) 80 km

**Options** 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **87827033020**

Option 1 ID : **878270129933**

Option 2 ID : **878270129934**

Option 3 ID : **878270129935**

Option 4 ID : **878270129936**

Status : **Not Answered**

Chosen Option : --

**Q.16** In order to know if the argument is deductive or inductive, out of the four given tests which one applies to the following example ?

"Alan is a father. Therefore, Alan is a male".

- (1) The Indicator word test
- (2) The Strict necessity test
- (3) The Common pattern test
- (4) The Principle of charity test

**Options** 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **87827033023**

Option 1 ID : **878270129945**

Option 2 ID : **878270129946**

Option 3 ID : **878270129947**

Option 4 ID : **878270129948**

Status : **Answered**

Chosen Option : 1

**Q.17** In the light of syllogistic argument which of the following is/are incorrect ?

- (A) The predicate term of the conclusion is the major term.
- (B) The subject term of the conclusion is the minor term.
- (C) The middle term must occur only once in the premise.
- (D) The middle term must be distributed at least once in the conclusion.

Choose the **correct** answer from the options given below :

- (1) (B) Only
- (2) (B) and (D) Only
- (3) (C) Only
- (4) (C) and (D) Only

**Options** 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **87827033026**

Option 1 ID : **878270129957**

Option 2 ID : **878270129958**

Option 3 ID : **878270129959**

Option 4 ID : **878270129960**

Status : **Answered**

Chosen Option : 1

**Q.18** The ratio of water and milk in a 27 litre mixture is 5 : 4. Find the quantity of water to be added to the mixture in order to make the ratio of water and milk as 3 : 1.

- (1) 12 litres
- (2) 15 litres
- (3) 21 litres
- (4) 36 litres

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **87827033018**

Option 1 ID : **878270129925**

Option 2 ID : **878270129926**

Option 3 ID : **878270129927**

Option 4 ID : **878270129928**

Status : **Not Answered**

Chosen Option : --

**Q.19** Which commission/committee recommended that 'the ordinary amenities and decencies of life should be provided for women in colleges ordinarily planned for men and that there should be no curtailment of opportunities for women' ?

- (1) Durgabai Deshmukh Committee (1959)
- (2) Kothari Commission (1964 - 66)
- (3) Bhaktavatsalam committee (1963)
- (4) Radhakrishnan Commission (1948)

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **87827033041**

Option 1 ID : **878270130017**

Option 2 ID : **878270130018**

Option 3 ID : **878270130019**

Option 4 ID : **878270130020**

Status : **Answered**

Chosen Option : **2**



**Q.20** Which of the following are the orders of signification in communication ?

- (A) Denotation
- (B) Connotation
- (C) Myth
- (D) Credibility
- (E) Attribution

Choose the **correct** answer from the options given below :

- (1) (A), (B) and (C) Only
- (2) (B), (C) and (D) Only
- (3) (C), (D) and (E) Only
- (4) (A), (D) and (E) Only

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **87827033014**

Option 1 ID : **878270129909**

Option 2 ID : **878270129910**

Option 3 ID : **878270129911**

Option 4 ID : **878270129912**

Status : **Answered**

Chosen Option : **1**

**Q.21** Given below are two statements :

**Statement (I)** : Not every medium has its own grammar.

**Statement (II)** : Each media grammar has evolved over a period of time and continues to change.

In the light of the above statements, choose the **most appropriate** answer from the options given below :

- (1) Both **Statement I** and **Statement II** are correct
- (2) Both **Statement I** and **Statement II** are incorrect
- (3) **Statement I** is correct but **Statement II** is incorrect
- (4) **Statement I** is incorrect but **Statement II** is correct

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **87827033016**

Option 1 ID : **878270129917**

Option 2 ID : **878270129918**

Option 3 ID : **878270129919**

Option 4 ID : **878270129920**

Status : **Answered**

Chosen Option : **4**

Q.22

Given below are two statements : one is labelled as **Assertion (A)** and the other is labelled as **Reason (R)**.

**Assertion (A) :** Coral reefs are threatened because of release of sewage in ocean waters near them.

**Reason (R) :** Release of sewage in oceans tends to reduce the clarity of ocean water.

In the light of the above statements, choose the **most appropriate answer** from the options given below :

- (1) Both (A) and (R) are correct and (R) is the correct explanation of (A)
- (2) Both (A) and (R) are correct but (R) is **not** the correct explanation of (A)
- (3) (A) is correct but (R) is not correct
- (4) (A) is not correct but (R) is correct

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **87827033035**

Option 1 ID : **878270129993**

Option 2 ID : **878270129994**

Option 3 ID : **878270129995**

Option 4 ID : **878270129996**

Status : **Answered**

Chosen Option : **1**

Q.23

Which of the following are not the examples of a positive teacher - student relationship ?

- (A) A teacher who punishes students for asking questions.
- (B) A teacher who provides students with positive feedback and constructive criticism.
- (C) A teacher who fosters open communication and mutual respect.
- (D) A teacher who humiliates his/her students.
- (E) A teacher who ignores the needs and concerns of his/her students.

Choose the **correct** answer from the options given below :

- (1) (B) and (C) Only
- (2) (A), (D) and (E) Only
- (3) (A), (B), (C) and (D) Only
- (4) (B) and (E) Only

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **87827033003**

Option 1 ID : **878270129865**

Option 2 ID : **878270129866**

Option 3 ID : **878270129867**

Option 4 ID : **878270129868**

Status : **Answered**

Chosen Option : **2**

**Q.24** The systematic elimination of extraneous variables, other than those you are interested in, can be done in which of the following types of research ?

- (1) Qualitative research
- (2) Longitudinal research
- (3) Experimental research
- (4) Correlational research

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **87827033008**

Option 1 ID : **878270129885**

Option 2 ID : **878270129886**

Option 3 ID : **878270129887**

Option 4 ID : **878270129888**

Status : **Answered**

Chosen Option : **3**

**Q.25** The difference between the compound interest and simple interest on a principal amount for 2 years at 10% per annum is ₹ 5431. Find the principal amount.

- (1) ₹ 54310
- (2) ₹ 108620
- (3) ₹ 453100
- (4) ₹ 543100

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **87827033019**

Option 1 ID : **878270129929**

Option 2 ID : **878270129930**

Option 3 ID : **878270129931**

Option 4 ID : **878270129932**

Status : **Not Answered**

Chosen Option : **--**

**Q.26** Identify the correct sequence of the following technologies A-D used in first generation to fourth generation of computers.

- (A) Integrated circuits
- (B) Microprocessors
- (C) Transistors
- (D) Vacuum Tubes

Choose the **correct** answer from the options given below :

- (1) (D), (C), (B), (A)
- (2) (D), (C), (A), (B)
- (3) (C), (D), (A), (B)
- (4) (B), (A), (C), (D)

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **87827033028**

Option 1 ID : **878270129965**

Option 2 ID : **878270129966**

Option 3 ID : **878270129967**

Option 4 ID : **878270129968**

Status : **Answered**

Chosen Option : **2**



Q.27 Match List - I with List - II.

## List - I

## (Online Learning Platforms)

- (A) Swayam  
(B) Udemy  
(C) Skillshare

- (D) Khan Academy

## List - II

## (Respective Features)

- (I) Paid courses on creative and entrepreneurial topics  
(II) Free courses from Indian universities  
(III) Video lectures and interactive exercises for k - 12 students  
(IV) Paid courses on various topics

Choose the **correct** answer from the options given below :

- (1) (A)-(I), (B)-(II), (C)-(III), (D)-(IV)  
(2) (A)-(II), (B)-(IV), (C)-(I), (D)-(III)  
(3) (A)-(IV), (B)-(III), (C)-(II), (D)-(I)  
(4) (A)-(III), (B)-(I), (C)-(IV), (D)-(II)

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 87827033004

Option 1 ID : 878270129869

Option 2 ID : 878270129870

Option 3 ID : 878270129871

Option 4 ID : 878270129872

Status : Answered

Chosen Option : 2

Q.28

जब अनुसंधानकर्ता की आयु अध्ययन के प्रतिभागी के व्यवहार को प्रभावित करती है, तो इसे कहा जाता है :

- (1) समाजशास्त्रीय प्रभाव  
(2) जैवसामाजिक प्रभाव  
(3) मनोवैज्ञानिक प्रभाव  
(4) मनोसामाजिक प्रभाव

Options 1. 1

2. 2

3. 3

4. 4



Question Type : MCQ

Question ID : 87827033009

Option 1 ID : 878270129889

Option 2 ID : 878270129890

Option 3 ID : 878270129891

Option 4 ID : 878270129892

Status : Answered

Chosen Option : 4





**Q.29** Given below are two statements :

**Statement (I) :**  $(1011101)_2 = (5D)_{16}$

**Statement (II) :**  $(C2)_{16} = (11000010)_2$

In the light of the above statements, choose the **most appropriate answer** from the options given below :

- (1) Both **Statement I** and **Statement II** are correct
- (2) Both **Statement I** and **Statement II** are incorrect
- (3) **Statement I** is correct but **Statement II** is incorrect
- (4) **Statement I** is incorrect but **Statement II** is correct

**Options** 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **87827033029**

Option 1 ID : **878270129969**

Option 2 ID : **878270129970**

Option 3 ID : **878270129971**

Option 4 ID : **878270129972**

Status : **Answered**

Chosen Option : **1**

**Q.30**

The term 'analog media' was originally derived from :

- (1) Folk performances
- (2) Satellite communication
- (3) Internet
- (4) Audio recordings

**Options** 1. 1

2. 2

3. 3

4. 4



Question Type : **MCQ**

Question ID : **87827033012**

Option 1 ID : **878270129901**

Option 2 ID : **878270129902**

Option 3 ID : **878270129903**

Option 4 ID : **878270129904**

Status : **Answered**

Chosen Option : **2**



- Q.31** Which among the following is not a value as propounded by the Indian traditional concept of Purushartha :
- (1) Dharma
  - (2) Artha
  - (3) Bhakti
  - (4) Moksha

**Options** 1. 1  
2. 2  
3. 3  
4. 4

Question Type : **MCQ**  
Question ID : **87827033040**  
Option 1 ID : **878270130013**  
Option 2 ID : **878270130014**  
Option 3 ID : **878270130015**  
Option 4 ID : **878270130016**  
Status : **Answered**  
Chosen Option : **2**

- Q.32** Match List - I with List - II.

List - I (Online Teaching Tools)		List - II (Advantages for Students)
(A) Learning Management System (LMS)	(I)	Collaborating with peers, sharing ideas and perspectives
(B) Video Conferencing	(II)	Receiving instant feedback on quizzes and assessments, tracking progress and performance
(C) Discussion Forums	(III)	Accessing course materials and assignments any time, any where
(D) Online Assessment Platforms	(IV)	Participating in live online class sessions and discussions from remote locations also

Choose the **correct** answer from the options given below :

- (1) (A)-(II), (B)-(IV), (C)-(III), (D)-(I)
- (2) (A)-(IV), (B)-(III), (C)-(I), (D)-(II)
- (3) (A)-(III), (B)-(IV), (C)-(I), (D)-(II)
- (4) (A)-(I), (B)-(II), (C)-(III), (D)-(IV)

**Options** 1. 1  
2. 2  
3. 3  
4. 4

Question Type : **MCQ**  
Question ID : **87827033002**  
Option 1 ID : **878270129861**  
Option 2 ID : **878270129862**  
Option 3 ID : **878270129863**  
Option 4 ID : **878270129864**  
Status : **Answered**  
Chosen Option : **3**



**Q.33** In a negatively skewed distribution, which among the following would be true ?

- (A) Mean > Mode
- (B) Mean < Median
- (C) Median < Mode
- (D) Mode > Mean

Choose the **correct** answer from the options given below :

- (1) (A) and (B) Only
- (2) (B) and (C) Only
- (3) (B) and (D) Only
- (4) (A) and (C) Only

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **87827033010**

Option 1 ID : **878270129893**

Option 2 ID : **878270129894**

Option 3 ID : **878270129895**

Option 4 ID : **878270129896**

Status : **Answered**

Chosen Option : **2**

**Q.34** What number would replace question mark (?) in the series given below ?

1, 3, 6, 10, 15, 21, ?, 36, . . .

- (1) 32
- (2) 28
- (3) 29
- (4) 30

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **87827033017**

Option 1 ID : **878270129921**

Option 2 ID : **878270129922**

Option 3 ID : **878270129923**

Option 4 ID : **878270129924**

Status : **Answered**

Chosen Option : **2**

Q.35 Which of the following are not the characteristics of conventional learning ?

- (A) Emphasis on self directed learning and independent study
- (B) Students learn through listening and observation
- (C) No fixed curriculum
- (D) Learner oriented
- (E) Require regular attendance

Choose the **correct** answer from the options given below :

- (1) (B) and (E) Only
- (2) (A) and (E) Only
- (3) (A), (C) and (D) Only
- (4) (B) and (C) Only

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **87827033037**

Option 1 ID : **878270130001**

Option 2 ID : **878270130002**

Option 3 ID : **878270130003**

Option 4 ID : **878270130004**

Status : **Answered**

Chosen Option : **3**

Q.36 Which of the following is a potential drawback of teacher centered instruction ?

- (1) It can be more engaging and interactive for students.
- (2) It can limit opportunities for students' creativity and critical thinking.
- (3) It promotes students' independence and self-direction.
- (4) It is more efficient and saves time.

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **87827033006**

Option 1 ID : **878270129877**

Option 2 ID : **878270129878**

Option 3 ID : **878270129879**

Option 4 ID : **878270129880**

Status : **Answered**

Chosen Option : **2**

**Q.37** Anil has an MP3 file stored on his computer. Which type of data is stored in an MP3 file ?

- (1) Video
- (2) Sound
- (3) Image
- (4) Text

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **87827033027**

Option 1 ID : **878270129961**

Option 2 ID : **878270129962**

Option 3 ID : **878270129963**

Option 4 ID : **878270129964**

Status : **Answered**

Chosen Option : **2**

**Q.38** Addressing nation on independence day 2019, Prime Minister Sri Narendra Modi set a goal of tap water to every rural house hold by the year :

- (1) 2024
- (2) 2025
- (3) 2027
- (4) 2030

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **87827033033**

Option 1 ID : **878270129985**

Option 2 ID : **878270129986**

Option 3 ID : **878270129987**

Option 4 ID : **878270129988**

Status : **Answered**

Chosen Option : **1**

**Q.39** In the context of communication, political socialisation is linked to social learning in terms of how ?

- (A) Power is attained.
- (B) Certain sections of society should be left out of the mainstream.
- (C) Social systems are ignored.
- (D) Power is used and misused.
- (E) Political and economic decisions are made.

Choose the **correct** answer from the options given below :

- (1) (A), (B) and (C) Only
- (2) (B), (C) and (D) Only
- (3) (A), (D) and (E) Only
- (4) (B), (D) and (E) Only

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **87827033015**

Option 1 ID : **878270129913**

Option 2 ID : **878270129914**

Option 3 ID : **878270129915**

Option 4 ID : **878270129916**

Status : **Answered**

Chosen Option : **3**

**Q.40** In a certain coded language, 'RAM' is coded as 32 and 'SITA' is coded as 49. How 'SHYAM' will be coded in that language ?

- (1) 73
- (2) 49
- (3) 66
- (4) 32

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **87827033021**

Option 1 ID : **878270129937**

Option 2 ID : **878270129938**

Option 3 ID : **878270129939**

Option 4 ID : **878270129940**

Status : **Answered**

Chosen Option : **3**

**Q.41** Convention on Biodiversity (CBD) was opened for signature during :

- (1) Earth Summit
- (2) Montreal Protocol
- (3) Kyoto protocol
- (4) Stockholm Convention

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **87827033036**

Option 1 ID : **878270129997**

Option 2 ID : **878270129998**

Option 3 ID : **878270129999**

Option 4 ID : **878270130000**

Status : **Answered**

Chosen Option : **1**

Q.42

Match List - I with List - II.

List - I (Storage Media)	List - II (Type of storage)
(A) Hard Disk Drive (HDD)	(I) Optical
(B) USB Flash Memory	(II) Magnetic
(C) Blu ray Disc	(III) Solid state

Choose the **correct** answer from the options given below :

- (1) (A)-(II), (B)-(III), (C)-(I)
- (2) (A)-(II), (B)-(I), (C)-(III)
- (3) (A)-(III), (B)-(II), (C)-(I)
- (4) (A)-(I), (B)-(III), (C)-(II)

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 87827033031

Option 1 ID : 878270129977

Option 2 ID : 878270129978

Option 3 ID : 878270129979

Option 4 ID : 878270129980

Status : Answered

Chosen Option : 4

Q.43

Given below are two statements :

**Statement (I)** : Arguments from analogy are generally deductive, weak or strong**Statement (II)** : Arguments from analogy are generally inductive and neither valid nor invalid.In the light of the above statements, choose the **most appropriate answer** from the options given below :

- (1) Both **Statement I** and **Statement II** are correct
- (2) Both **Statement I** and **Statement II** are incorrect
- (3) **Statement I** is correct but **Statement II** is incorrect
- (4) **Statement I** is incorrect but **Statement II** is correct

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 87827033025

Option 1 ID : 878270129953

Option 2 ID : 878270129954

Option 3 ID : 878270129955

Option 4 ID : 878270129956

Status : Answered

Chosen Option : 4



**Q.44** Which of the following is an example of collaborative learning ?

- (1) A teacher assigns individually a reading assignment and students take notes
- (2) A teacher gives lecture on a topic and students take notes individually
- (3) A teacher assigns homework for students to complete independently
- (4) A teacher assigns a group project and students work together to do research and present their findings

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **87827033005**

Option 1 ID : **878270129873**

Option 2 ID : **878270129874**

Option 3 ID : **878270129875**

Option 4 ID : **878270129876**

Status : **Answered**

Chosen Option : **4**

**Q.45** Identify the correct sequence of steps involved in conducting a literature review for a research study :

- (A) Locate literature
- (B) Organize the literature
- (C) Identify key terms for search
- (D) Write a literature review
- (E) Critically evaluate and select the literature relevant to research

Choose the **correct** answer from the options given below :

- (1) (A), (B), (C), (E), (D)
- (2) (A), (C), (B), (E), (D)
- (3) (C), (A), (E), (B), (D)
- (4) (C), (E), (A), (B), (D)

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4



Question Type : **MCQ**

Question ID : **87827033007**

Option 1 ID : **878270129881**

Option 2 ID : **878270129882**

Option 3 ID : **878270129883**

Option 4 ID : **878270129884**

Status : **Answered**

Chosen Option : **3**





### Comprehension:

Read the following passage and answer the questions that follow :

Fascist economics places itself in between free market capitalism and communism. It criticizes the former for prioritizing profits over collective goals, for promoting speculation, financial wizardry that is similar to usury. It agreed to some degree with communists that the capitalist class exploited the labour force and was insensitive to poor working conditions but disagreed on the solution. While communists prescribed a proletariat takeover of the means of production followed by a dictatorship of the proletariat as the panacea to the crisis of capitalism, fascism would choose instead to resolve class conflicts between labour and capital through state arbitration and corporate control over the economy. Corporatism is the theory and practice of organizing society into 'corporations' subordinate to the state. These corporations would serve as organs of political consultations and take responsibility, to a large extent, for persons and activities within their jurisdiction. It differed from communism since it rejected classless egalitarianism. It can be described as a modern analogue of feudal guild societies. Thus, corporatism served to retain the social order and hierarchies of feudalism while infusing it with modern industrial methods more conducive for military competition and arms races.

Another aspect that fascism had in common with feudal economics is its emphasis on usury laws. Both considered charging interest on loans as being exploitative and immoral. This reinforced a certain worldview which saw tangible sectors such as agriculture and industry as value creating and finance as a sector that rested on tricks and manipulation.

### SubQuestion No : 46

**Q.46** Fascist economics agreed with communists on the following :

- (A) Capitalists are sensitive to the poor working conditions of the labour force.
- (B) Capitalists promote speculation.
- (C) Capitalists prioritize profits over collective goals.
- (D) Capitalists indulge in financial wizardry.

Choose the **correct** answer from the options given below :

- (1) (A), (C) and (D) Only
- (2) (B) and (C) Only
- (3) (B), (C) and (D) Only
- (4) (A), (B) and (C) Only

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 87827033043

Option 1 ID : 878270130021

Option 2 ID : 878270130022

Option 3 ID : 878270130023

Option 4 ID : 878270130024

Status : Answered

Chosen Option : 3

### Comprehension:

Read the following passage and answer the questions that follow :

Fascist economics places itself in between free market capitalism and communism. It criticizes the former for prioritizing profits over collective goals, for promoting speculation, financial wizardry that is similar to usury. It agreed to some degree with communists that the capitalist class exploited the labour force and was insensitive to poor working conditions but disagreed on the solution. While communists prescribed a proletariat takeover of the means of production followed by a dictatorship of the proletariat as the panacea to the crisis of capitalism, fascism would choose instead to resolve class conflicts between labour and capital through state arbitration and corporate control over the economy. Corporatism is the theory and practice of organizing society into 'corporations' subordinate to the state. These corporations would serve as organs of political consultations and take responsibility, to a large extent, for persons and activities within their jurisdiction. It differed from communism since it rejected classless egalitarianism. It can be described as a modern analogue of feudal guild societies. Thus, corporatism served to retain the social order and hierarchies of feudalism while infusing it with modern industrial methods more conducive for military competition and arms races.

Another aspect that fascism had in common with feudal economics is its emphasis on usury laws. Both considered charging interest on loans as being exploitative and immoral. This reinforced a certain worldview which saw tangible sectors such as agriculture and industry as value creating and finance as a sector that rested on tricks and manipulation.

SubQuestion No : 47

Q.47

Fascist economics is based on :

- (1) Communism
- (2) Capitalism
- (3) A mix of communism and capitalism
- (4) Feudalism

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 87827033046

Option 1 ID : 878270130033

Option 2 ID : 878270130034

Option 3 ID : 878270130035

Option 4 ID : 878270130036

Status : Answered

Chosen Option : 3



**Comprehension:**

Read the following passage and answer the questions that follow :

Fascist economics places itself in between free market capitalism and communism. It criticizes the former for prioritizing profits over collective goals, for promoting speculation, financial wizardry that is similar to usury. It agreed to some degree with communists that the capitalist class exploited the labour force and was insensitive to poor working conditions but disagreed on the solution. While communists prescribed a proletariat takeover of the means of production followed by a dictatorship of the proletariat as the panacea to the crisis of capitalism, fascism would choose instead to resolve class conflicts between labour and capital through state arbitration and corporate control over the economy. Corporatism is the theory and practice of organizing society into 'corporations' subordinate to the state. These corporations would serve as organs of political consultations and take responsibility, to a large extent, for persons and activities within their jurisdiction. It differed from communism since it rejected classless egalitarianism. It can be described as a modern analogue of feudal guild societies. Thus, corporatism served to retain the social order and hierarchies of feudalism while infusing it with modern industrial methods more conducive for military competition and arms races.

Another aspect that fascism had in common with feudal economics is its emphasis on usury laws. Both considered charging interest on loans as being exploitative and immoral. This reinforced a certain worldview which saw tangible sectors such as agriculture and industry as value creating and finance as a sector that rested on tricks and manipulation.

**SubQuestion No : 48**

**Q.48**

**Fascism :**

- (A) Considered charging interest as immoral
- (B) Valued agriculture and Industry
- (C) Rejected hierarchies of feudalism
- (D) Believed in corporatism

Choose the **correct** answer from the options given below :

- (1) (A) and (D) Only
- (2) (A), (B) and (C) Only
- (3) (A), (C) and (D) Only
- (4) (A), (B) and (D) Only

**Options** 1. 1

2. 2

3. 3

4. 4



Question Type : **MCQ**

Question ID : **87827033047**

Option 1 ID : **878270130037**

Option 2 ID : **878270130038**

Option 3 ID : **878270130039**

Option 4 ID : **878270130040**

Status : **Answered**

Chosen Option : **1**





### Comprehension:

Read the following passage and answer the questions that follow :

Fascist economics places itself in between free market capitalism and communism. It criticizes the former for prioritizing profits over collective goals, for promoting speculation, financial wizardry that is similar to usury. It agreed to some degree with communists that the capitalist class exploited the labour force and was insensitive to poor working conditions but disagreed on the solution. While communists prescribed a proletariat takeover of the means of production followed by a dictatorship of the proletariat as the panacea to the crisis of capitalism, fascism would choose instead to resolve class conflicts between labour and capital through state arbitration and corporate control over the economy. Corporatism is the theory and practice of organizing society into 'corporations' subordinate to the state. These corporations would serve as organs of political consultations and take responsibility, to a large extent, for persons and activities within their jurisdiction. It differed from communism since it rejected classless egalitarianism. It can be described as a modern analogue of feudal guild societies. Thus, corporatism served to retain the social order and hierarchies of feudalism while infusing it with modern industrial methods more conducive for military competition and arms races.

Another aspect that fascism had in common with feudal economics is its emphasis on usury laws. Both considered charging interest on loans as being exploitative and immoral. This reinforced a certain worldview which saw tangible sectors such as agriculture and industry as value creating and finance as a sector that rested on tricks and manipulation.

### SubQuestion No : 49

Q.49

Given below are two statements :

**Statement I :** The communist solution to capitalism was the take over of the means of production by the proletariat.

**Statement II :** The fascist solution to capitalism was corporatism.

In the light of the above statements, choose the **most appropriate answer** from the options given below :

- (1) Both **Statement I** and **Statement II** are correct
- (2) Both **Statement I** and **Statement II** are incorrect
- (3) **Statement I** is correct but **Statement II** is incorrect
- (4) **Statement I** is incorrect but **Statement II** is correct

Options 1. 1

2. 2

3. 3

4. 4



Question Type : MCQ

Question ID : 87827033044

Option 1 ID : 878270130025

Option 2 ID : 878270130026

Option 3 ID : 878270130027

Option 4 ID : 878270130028

Status : Answered

Chosen Option : 1



**Comprehension:**

Read the following passage and answer the questions that follow :

Fascist economics places itself in between free market capitalism and communism. It criticizes the former for prioritizing profits over collective goals, for promoting speculation, financial wizardry that is similar to usury. It agreed to some degree with communists that the capitalist class exploited the labour force and was insensitive to poor working conditions but disagreed on the solution. While communists prescribed a proletariat takeover of the means of production followed by a dictatorship of the proletariat as the panacea to the crisis of capitalism, fascism would choose instead to resolve class conflicts between labour and capital through state arbitration and corporate control over the economy. Corporatism is the theory and practice of organizing society into 'corporations' subordinate to the state. These corporations would serve as organs of political consultations and take responsibility, to a large extent, for persons and activities within their jurisdiction. It differed from communism since it rejected classless egalitarianism. It can be described as a modern analogue of feudal guild societies. Thus, corporatism served to retain the social order and hierarchies of feudalism while infusing it with modern industrial methods more conducive for military competition and arms races.

Another aspect that fascism had in common with feudal economics is its emphasis on usury laws. Both considered charging interest on loans as being exploitative and immoral. This reinforced a certain worldview which saw tangible sectors such as agriculture and industry as value creating and finance as a sector that rested on tricks and manipulation.

**SubQuestion No : 50**

**Q.50**

Classless egalitarianism policy was followed by :

- (1) Feudalism
- (2) Capitalism
- (3) Communism
- (4) Fascism

Options 1. 1

2. 2

3. 3

4. 4



Question Type : MCQ

Question ID : 87827033045

Option 1 ID : 878270130029

Option 2 ID : 878270130030

Option 3 ID : 878270130031

Option 4 ID : 878270130032

Status : Answered

Chosen Option : 4

Section : Economics







Q.51

If  $A = \begin{bmatrix} 2 & 3 \\ 0 & 4 \end{bmatrix}$  and  $B = \begin{bmatrix} 2 & 0 \\ 1 & 5 \end{bmatrix}$  which of the following is **not** correct ?

(1)  $A^T B = \begin{bmatrix} 4 & 0 \\ 10 & 20 \end{bmatrix}$

(2)  $(A + B)^T = \begin{bmatrix} 4 & 1 \\ 3 & 9 \end{bmatrix}$

(3)  $A^T B = \begin{bmatrix} 0 & 4 \\ 10 & 20 \end{bmatrix}$

(4)  $A^T B^T = \begin{bmatrix} 4 & 2 \\ 6 & 23 \end{bmatrix}$

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 87827033078

Option 1 ID : 878270130161

Option 2 ID : 878270130162

Option 3 ID : 878270130163

Option 4 ID : 878270130164

Status : Answered

Chosen Option : 2

Q.52

Suppose  $X_i$  is income of an individual  $i$  and  $Y_i$  is the event that this individual owns a house,  $P_i = \text{prob}(Y_i=1 | X_i)$  and  $Z_i = \beta_1 + \beta_2 X_i$ , which of the following is true for the logit model ?

(1)  $P_i = \frac{1}{1 - e^{-Z_i}}$

(2)  $P_i = \frac{1}{1 + e^{Z_i}}$

(3)  $P_i = \frac{1}{1 + e^{-Z_i}}$

(4)  $P_i = \frac{1}{1 - e^{Z_i}}$

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 87827033051

Option 1 ID : 878270130053

Option 2 ID : 878270130054

Option 3 ID : 878270130055

Option 4 ID : 878270130056

Status : Answered

Chosen Option : 4





**Q.53** Consider a production function  $q = x + y$ , where  $x$  and  $y$  are the 2 inputs. If the respective input prices are  $w_x$  and  $w_y$  and assume  $w_x > w_y$ . Then the cost function  $C(q)$  is :

- (1)  $C(q) = w_x q$
- (2)  $C(q) = w_y q$
- (3)  $C(q) = (w_x + w_y)q$
- (4)  $C(q) = \min\{w_x, w_y\} \sqrt{q}$

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 87827033066

Option 1 ID : 878270130113

Option 2 ID : 878270130114

Option 3 ID : 878270130115

Option 4 ID : 878270130116

Status : Answered

Chosen Option : 3

**Q.54** The following are five statements about short run cost curves.

- (A) The Marginal Cost (MC) curve cuts both short run Average Cost (AC) curve and Average Variable Cost (AVC) curve at their lowest point.
- (B) The MC curve cuts AC curve from below, but nothing can be said about AVC curve.
- (C) The distance between Total Cost (TC) curve and Total Variable Cost (TVC) curve gets reduced as quantity increases.
- (D) The Average Fixed Cost (AFC) curve is asymptotic to the cost axis.
- (E) The AC curve is u-shaped.

Choose the **correct** answer from the options given below :

- (1) (A), (C), (D), (E) Only
- (2) (B), (C), (E) Only
- (3) (A), (E) Only
- (4) (D), (E), (A) Only

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 87827033104

Option 1 ID : 878270130265

Option 2 ID : 878270130266

Option 3 ID : 878270130267

Option 4 ID : 878270130268

Status : Answered

Chosen Option : 4



**Q.55** Consider the following statements :

- (A) If the 2 utility functions  $u(x)$  and  $b(x)$  are related by  $u(x) = V(b(x))$ , where  $V'(\cdot) > 0$ , then  $V(x)$  is a utility function representing the same preference as  $b(x)$ .
- (B) If the 2 utility functions represents the same preference, the solutions to the consumer's utility maximization problem are the same with the 2 utility function but the indirect utility functions are different.
- (C) If the local non satiation assumption of preference is satisfied, any solution to the consumer's utility maximization problem satisfies the budget constraint with equality.
- (D) If the indirect utility function of  $b(x)$  is homogenous of degree 0 then indirect utility function of  $u(x) = V(b(x))$ , where  $V'(\cdot) > 0$ , is a homogenous function of degree 1.

Choose the **correct** answer from the options given below :

- (1) (B) Only
- (2) (A), (B) and (D) Only
- (3) (A), (B) and (C) Only
- (4) (B), (C) and (D) Only

**Options** 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **87827033111**

Option 1 ID : **878270130293**

Option 2 ID : **878270130294**

Option 3 ID : **878270130295**

Option 4 ID : **878270130296**

Status : **Answered**

Chosen Option : **2**

**Q.56** Consider the following statements about the Specific Factors model of International Trade and say which ones are correct ?

- (A) Factors specific to the export sectors in each country gain from trade
- (B) Factors specific to the import-competing sectors in each country lose from trade
- (C) Mobile factors that can work in either sector may gain from trade
- (D) Mobile factors that can work in either sector may lose from trade

Choose the **correct** answer from the options given below :

- (1) (A), (C), (D) Only
- (2) (B), (C), (D) Only
- (3) (A), (B), (C) Only
- (4) (A), (B), (C), (D)

**Options** 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **87827033098**

Option 1 ID : **878270130241**

Option 2 ID : **878270130242**

Option 3 ID : **878270130243**

Option 4 ID : **878270130244**

Status : **Answered**

Chosen Option : **4**



Q.57

Among the new monetary aggregates suggested by the Third working group of RBI, which one/ones include time deposits of term less than or equal to one year but does not include the time deposits with term more than one year ?

- (A)  $NM_0$
- (B)  $NM_1$
- (C)  $NM_2$
- (D)  $NM_3$

Choose the **correct** answer from the options given below :

- (1) (A) Only
- (2) (C) Only
- (3) (C) and (D) Only
- (4) (B) and (C) Only

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **87827033093**

Option 1 ID : **878270130221**

Option 2 ID : **878270130222**

Option 3 ID : **878270130223**

Option 4 ID : **878270130224**

Status : **Answered**

Chosen Option : **2**

Q.58

Match List - I with List - II.

**List - I**

**Property**

- (A) Investment is unresponsive to interest rates
- (B) Money demand is perfectly elastic w.r.t. interest rates
- (C) Money demand is completely inelastic w.r.t. interest rates
- (D) Investment is highly responsive to interest rates

Choose the **correct** answer from the options given below :

- (1) (A)-(IV), (B)-(III), (C)-(II), (D)-(I)
- (2) (A)-(IV), (B)-(II), (C)-(III), (D)-(I)
- (3) (A)-(I), (B)-(III), (C)-(II), (D)-(IV)
- (4) (A)-(III), (B)-(IV), (C)-(I), (D)-(II)

**List - II**

**Type of Curve**

- (I) Relatively flat IS curve
- (II) Vertical LM curve
- (III) Horizontal LM curve
- (IV) Vertical IS curve

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **87827033121**

Option 1 ID : **878270130333**

Option 2 ID : **878270130334**

Option 3 ID : **878270130335**

Option 4 ID : **878270130336**

Status : **Answered**

Chosen Option : **1**

Q.59

Given below are two statements : one is labelled as **Assertion (A)** and the other is labelled as **Reason (R)**.

**Assertion (A)** : Given a random sample, the distribution of the sample mean tends to a normal distribution, as the sample size becomes very large.

**Reason (R)** : Central limit theorem

In the light of the above statements, choose the **most appropriate answer** from the options given below :

- (1) Both (A) and (R) are correct and (R) is the correct explanation of (A)
- (2) Both (A) and (R) are correct but (R) is **not** the correct explanation of (A)
- (3) (A) is correct but (R) is not correct
- (4) (A) is not correct but (R) is correct

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 87827033136

Option 1 ID : 878270130393

Option 2 ID : 878270130394

Option 3 ID : 878270130395

Option 4 ID : 878270130396

Status : Answered

Chosen Option : 1

Q.60

Suppose production function  $q = f(k, l)$ , is a homogeneous function of degree 1. Consider the following statements.

(A) The marginal products of capital and labour  $\left(\frac{\partial q}{\partial k} \text{ and } \frac{\partial q}{\partial l}\right)$  are homogeneous of degree 1.

(B) The second order cross marginal products of  $k$  and  $l$  are equal (i.e.,  $\frac{\partial^2 q}{\partial l \partial k} = \frac{\partial^2 q}{\partial k \partial l}$ ).

(C) By Euler's Theorem :  $\frac{\partial q}{\partial k} \cdot k + \frac{\partial q}{\partial l} \cdot l = q$

(D) By Euler's theorem :  $\frac{\partial^2 q}{\partial k^2} \cdot k + \frac{\partial^2 q}{\partial l^2} \cdot l = 0$

Choose the **correct answer** from the options given below :

- (1) (A) and (B) Only
- (2) (A), (B) and (C) Only
- (3) (A), (C) and (D) Only
- (4) (B), (C) and (D) Only

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 87827033108

Option 1 ID : 878270130281

Option 2 ID : 878270130282

Option 3 ID : 878270130283

Option 4 ID : 878270130284

Status : Answered

Chosen Option : 3



**Q.61** Which of the following are features of a weakly stationary stochastic process ?

- (A) Mean is time-varying
- (B) Mean is constant
- (C) Variance is constant
- (D) Covariance is time-invariant

Choose the **correct** answer from the options given below :

- (1) (B) and (C) Only
- (2) (B), (C) and (D) Only
- (3) (A), (C) and (D) Only
- (4) (A) and (C) Only

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **87827033091**

Option 1 ID : **878270130213**

Option 2 ID : **878270130214**

Option 3 ID : **878270130215**

Option 4 ID : **878270130216**

Status : **Answered**

Chosen Option : **4**

**Q.62** Higher fiscal deficit to GDP ratio would necessarily cause inflation if the economy is under :

- (1) Demand constrained situation
- (2) Supply constrained situation
- (3) Both demand and supply constrained situation
- (4) Neither demand constrained nor supply constrained situation

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4



Question Type : **MCQ**

Question ID : **87827033084**

Option 1 ID : **878270130185**

Option 2 ID : **878270130186**

Option 3 ID : **878270130187**

Option 4 ID : **878270130188**

Status : **Answered**

Chosen Option : **2**



**Q.63** Which of the following tests has stationarity as the null hypothesis ?

- (1) ADF Test
- (2) Phillips Perron Test
- (3) ERS Test
- (4) KPSS Test

Options 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **87827033053**

Option 1 ID : **878270130061**

Option 2 ID : **878270130062**

Option 3 ID : **878270130063**

Option 4 ID : **878270130064**

Status : **Answered**

Chosen Option : 1

**Q.64** Match List - I with List - II.

List - I		List - II
Model/method		Feature
(A)	Logit model	(I) elasticities are constant
(B)	Log-log model	(II) binary dependent variable
(C)	Autoregressive model	(III) corrects for heteroscedasticity
(D)	Weighted least squares	(IV) includes lags of dependent variable

Choose the **correct** answer from the options given below :

- (1) (A)-(II), (B)-(I), (C)-(III), (D)-(IV)
- (2) (A)-(I), (B)-(II), (C)-(IV), (D)-(III)
- (3) (A)-(I), (B)-(II), (C)-(III), (D)-(IV)
- (4) (A)-(II), (B)-(I), (C)-(IV), (D)-(III)

Options 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **87827033117**

Option 1 ID : **878270130317**

Option 2 ID : **878270130318**

Option 3 ID : **878270130319**

Option 4 ID : **878270130320**

Status : **Answered**

Chosen Option : 4

**Q.65** Arrange the following steps of exchange rate channel of monetary transmission mechanism, in correct order, starting from first to last.

- (A) reduction in policy rate
- (B) capital outflows
- (C) depreciation of domestic currency
- (D) rise in net exports

Choose the **correct** answer from the options given below :

- (1) (A), (C), (D), (B)
- (2) (A), (D), (B), (C)
- (3) (A), (B), (C), (D)
- (4) (A), (D), (C), (B)

**Options** 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **87827033123**

Option 1 ID : **878270130341**

Option 2 ID : **878270130342**

Option 3 ID : **878270130343**

Option 4 ID : **878270130344**

Status : **Answered**

Chosen Option : **3**

**Q.66** Match List - I with List - II.

**List - I**

- (A) Kenneth Arrow
- (B) Robert Solow
- (C) Daniel Kahneman
- (D) Joshua Angrist

**List - II**

- (I) Analysis of causal relationship
- (II) Fundamental contribution in behavioural economics
- (III) Fundamental contribution in welfare economics
- (IV) Fundamental contribution in economic growth theory

Choose the **correct** answer from the options given below :

- (1) (A)-(III), (B)-(IV), (C)-(I), (D)-(II)
- (2) (A)-(II), (B)-(I), (C)-(III), (D)-(IV)
- (3) (A)-(III), (B)-(IV), (C)-(II), (D)-(I)
- (4) (A)-(I), (B)-(IV), (C)-(III), (D)-(II)

**Options** 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **87827033115**

Option 1 ID : **878270130309**

Option 2 ID : **878270130310**

Option 3 ID : **878270130311**

Option 4 ID : **878270130312**

Status : **Answered**

Chosen Option : **1**





Q.67 Match List - I with List - II.

**List - I**

- (A) Shephard's Lemma
- (B) Adverse Selection
- (C) Hotelling Lemma
- (D) Roy's Identity

**List - II**

- (I) Hidden types of agent
- (II) Envelope theorem
- (III) Indirect utility function
- (IV) Profit function

Choose the **correct** answer from the options given below :

- (1) (A)-(IV), (B)-(I), (C)-(II), (D)-(III)
- (2) (A)-(II), (B)-(I), (C)-(IV), (D)-(III)
- (3) (A)-(II), (B)-(I), (C)-(III), (D)-(IV)
- (4) (A)-(II), (B)-(IV), (C)-(I), (D)-(III)

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 87827033126

Option 1 ID : 878270130353

Option 2 ID : 878270130354

Option 3 ID : 878270130355

Option 4 ID : 878270130356

Status : Answered

Chosen Option : 3

Q.68 Under the flexible exchange rate, if the current account deficit increases and the capital account surplus increases for an economy, the exchange rate (domestic currency per US dollar) would :

- (1) Appreciate
- (2) Depreciate
- (3) Depends on which one is higher
- (4) Not depend on the BoP situation

Options 1. 1

2. 2

3. 3

4. 4



Question Type : MCQ

Question ID : 87827033085

Option 1 ID : 878270130189

Option 2 ID : 878270130190

Option 3 ID : 878270130191

Option 4 ID : 878270130192

Status : Answered

Chosen Option : 3





Q.69 Match List - I with List - II.

**List - I**

- (A) Unequal Exchange
- (B) The development of underdevelopment
- (C) Backward and forward linkage effect
- (D) Backwash effect

**List - II**

- (I) A. Hirshman
- (II) G. Myrdal
- (III) A. Emmanuel
- (IV) G. Frank

Choose the **correct** answer from the options given below :

- (1) (A)-(II), (B)-(III), (C)-(I), (D)-(IV)
- (2) (A)-(III), (B)-(I), (C)-(IV), (D)-(II)
- (3) (A)-(III), (B)-(IV), (C)-(I), (D)-(II)
- (4) (A)-(II), (B)-(IV), (C)-(III), (D)-(I)

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 87827033119

Option 1 ID : 878270130325

Option 2 ID : 878270130326

Option 3 ID : 878270130327

Option 4 ID : 878270130328

Status : Answered

Chosen Option : 3

Q.70 Arrange the following chronologically starting from the oldest.

- (A) Theory of Big Push
- (B) The accumulation of capital
- (C) Theory of cumulative causation
- (D) Unbalanced growth
- (E) Development with unlimited supplies of labour

Choose the **correct** answer from the options given below :

- (1) (E), (A), (C), (B), (D)
- (2) (A), (E), (B), (C), (D)
- (3) (E), (B), (A), (D), (C)
- (4) (A), (B), (E), (C), (D)

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 87827033130

Option 1 ID : 878270130369

Option 2 ID : 878270130370

Option 3 ID : 878270130371

Option 4 ID : 878270130372

Status : Answered

Chosen Option : 3



Q.71

Consider an economy with perfect capital mobility, fixed price level and flexible exchange rate. Starting from equilibrium, suppose there is a monetary expansion.

Which of the following are true for the new equilibrium, as compared to the initial equilibrium?

- (A) Output will be higher
- (B) Consumption will be higher
- (C) Interest rate will be lower
- (D) Interest rate will be higher

Choose the **correct** answer from the options given below :

- (1) (A) Only
- (2) (B) Only
- (3) (A) and (B) Only
- (4) (A) and (C) Only

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 87827033101

Option 1 ID : 878270130253

Option 2 ID : 878270130254

Option 3 ID : 878270130255

Option 4 ID : 878270130256

Status : Answered

Chosen Option : 4

Q.72

Given that  $Z_t$  is a zero-mean white noise process with variance  $\sigma^2$ , which of the following are I(O) processes ?

- (A)  $X_t = X_{t-1} + Z_t$
- (B)  $X_t = \alpha X_{t-1} + Z_t$  where  $0 < \alpha < 1$
- (C)  $X_t = Z_t + Z_{t-1}$
- (D)  $X_t = 8 + X_{t-1} + Z_t$

Choose the **correct** answer from the options given below :

- (1) (C) Only
- (2) (B) Only
- (3) (B) and (C) Only
- (4) (B), (C) and (D) Only

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 87827033090

Option 1 ID : 878270130209

Option 2 ID : 878270130210

Option 3 ID : 878270130211

Option 4 ID : 878270130212

Status : Answered

Chosen Option : 2

Q.73

Consider the following statements about the Aggregate Demand (AD) relation under price flexibility and say which ones are correct ?

- (A) The AD curve will shift to the right if autonomous investment rises.
- (B) The AD curve will shift to the right if net exports rise in an open economy.
- (C) The AD curve will shift to the left if money supply contracts.
- (D) As price rises, shifting the LM curve, the AD curve shifts to the left

Choose the **correct** answer from the options given below :

- (1) (A), (B), (C) Only
- (2) (B), (C), (D) Only
- (3) (A), (C), (D) Only
- (4) (A), (B), (C), (D)

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **87827033099**

Option 1 ID : **878270130245**

Option 2 ID : **878270130246**

Option 3 ID : **878270130247**

Option 4 ID : **878270130248**

Status : **Answered**

Chosen Option : **3**

Q.74

Match List - I with List - II.

**List - I**

(A) Demographic Transition

(B) Stages of growth

(C) Rural-urban migration decision

(D) Female labour force participation rate

**List - II**

(I) Dualism

(II) Take-off

(III) Replacement Rate

(IV) Backward bending labour supply curve

Choose the **correct** answer from the options given below :

- (1) (A)-(I), (B)-(II), (C)-(III), (D)-(IV)
- (2) (A)-(IV), (B)-(I), (C)-(III), (D)-(II)
- (3) (A)-(III), (B)-(II), (C)-(I), (D)-(IV)
- (4) (A)-(IV), (B)-(I), (C)-(II), (D)-(III)

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **87827033116**

Option 1 ID : **878270130313**

Option 2 ID : **878270130314**

Option 3 ID : **878270130315**

Option 4 ID : **878270130316**

Status : **Answered**

Chosen Option : **3**

Q.75

If the revenue deficit of an economy is 3% of GDP, the primary deficit is 2% of GDP and the fiscal deficit is 7% of GDP, the capital expenditure to GDP ratio of that economy would be :

- (1) 5% of GDP
- (2) 1% of GDP
- (3) 4% of GDP
- (4) 2% of GDP

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 87827033082

Option 1 ID : 878270130177

Option 2 ID : 878270130178

Option 3 ID : 878270130179

Option 4 ID : 878270130180

Status : Answered

Chosen Option : 4

Q.76

Consider the following 3 Constrained Optimization Problems (COP).

- (a) Maximize  $z = \ln x$ , subject to  $x > 1$
- (b) Maximize  $z = \ln x$ , subject to  $x < 1$
- (c) Maximize  $z = \ln x$ , subject to  $1 < x < 2$
- (A) (a) and (b) have no solutions but (c) has solution
- (B) (a) and (b) have solutions but (c) has no solution
- (C) (a), (b) and (c) have no solution
- (D) (a) and (c) have no solution but (b) has solution

Choose the **correct** answer from the options given below :

- (1) (A) Only
- (2) (B) Only
- (3) (C) Only
- (4) (D) Only

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 87827033112

Option 1 ID : 878270130297

Option 2 ID : 878270130298

Option 3 ID : 878270130299

Option 4 ID : 878270130300

Status : Answered

Chosen Option : 4

- Q.77** An economy characterised by huge involuntary unemployment would have an aggregate labour supply curve in a real wage-labour supply plane that would be :
- (1) Positively sloped
  - (2) Vertical
  - (3) Flat
  - (4) Negatively sloped

**Options** 1. 1  
2. 2  
3. 3  
4. 4

Question Type : **MCQ**  
 Question ID : **87827033087**  
 Option 1 ID : **878270130197**  
 Option 2 ID : **878270130198**  
 Option 3 ID : **878270130199**  
 Option 4 ID : **878270130200**  
 Status : **Answered**  
 Chosen Option : **3**

- Q.78** Match List - I with List - II.

List - I Variable	List - II Distribution
(A) Sum of squares of n independent standard normal variates	(I) t distribution
(B) Ratio of a standard normal variate to square root of an independent, chi square variable (divided by its degrees of freedom)	(II) F distribution
(C) Ratio of 2 independent chi-square variables each divided by their respective degrees of freedom	(III) Standard normal distribution
(D) Normal variate minus its mean, divided by its standard deviation	(IV) chi square distribution

Choose the **correct** answer from the options given below :

- (1) (A)-(I), (B)-(IV), (C)-(II), (D)-(III)
- (2) (A)-(IV), (B)-(I), (C)-(III), (D)-(II)
- (3) (A)-(I), (B)-(IV), (C)-(III), (D)-(II)
- (4) (A)-(IV), (B)-(I), (C)-(II), (D)-(III)

**Options** 1. 1  
2. 2  
3. 3  
4. 4

Question Type : **MCQ**  
 Question ID : **87827033120**  
 Option 1 ID : **878270130329**  
 Option 2 ID : **878270130330**  
 Option 3 ID : **878270130331**  
 Option 4 ID : **878270130332**  
 Status : **Answered**  
 Chosen Option : **1**

**Q.79** In case of two perfect complement goods, which following statement is **not** true ?

- (1) The substitution effect is zero.
- (2) The indifference curves are straight lines.
- (3) The indifference curves are L shaped
- (4) The goods are always demanded in fixed proportions.

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **87827033077**

Option 1 ID : **878270130157**

Option 2 ID : **878270130158**

Option 3 ID : **878270130159**

Option 4 ID : **878270130160**

Status : **Answered**

Chosen Option : **2**

**Q.80** Suppose India is the home country and USA is the foreign country. The interest rates in India and USA are 6% and 4% respectively. The exchange rate of US Dollar is Rs. 80 today but is expected to rise to Rs. 84 in one year. Which of the following is true, according to the uncovered interest arbitrage parity condition ?

- (1) Capital will flow into the Indian economy
- (2) Capital will flow out of the Indian economy
- (3) No capital flows
- (4) Can't say on the basis of the information provided

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **87827033055**

Option 1 ID : **878270130069**

Option 2 ID : **878270130070**

Option 3 ID : **878270130071**

Option 4 ID : **878270130072**

Status : **Answered**

Chosen Option : **1**



Q.81

Consider the pay offs of two players, who are close friends. They can either go for Diwali shopping or they can watch World Cup Cricket match.

		Player 1	
		Diwali Shopping	World Cup Watching
Player 2	Diwali Shopping	(2, 1)	(0, 0)
	World Cup Watching	(0, 0)	(1, 2)

Identify which of the following is true for them :

- (1) There is no Nash equilibrium for them.
- (2) There is only one Nash equilibrium where player 1 goes for Diwali shopping and player 2 goes for World Cup Match.
- (3) Any of the four combinations can be a Nash Equilibrium.
- (4) There are two Nash Equilibria.

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 87827033076

Option 1 ID : 878270130153

Option 2 ID : 878270130154

Option 3 ID : 878270130155

Option 4 ID : 878270130156

Status : Answered

Chosen Option : 2

Q.82

Which of the following statements are not true for the Linear Probability Model (LPM) ?

- (A) Conditional probability of occurrence of an event conditional on the value of explanatory variable  $X$  is a linear function of  $X$
- (B) Estimated value of the conditional probability of occurrence of the event lies between 0 and 1
- (C) Error term is homoscedastic
- (D)  $R^2$  is a good measure of goodness of fit

Choose the **correct** answer from the options given below :

- (1) (B) Only
- (2) (B) and (C) Only
- (3) (B), (C) and (D) Only
- (4) (C) Only

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 87827033089

Option 1 ID : 878270130205

Option 2 ID : 878270130206

Option 3 ID : 878270130207

Option 4 ID : 878270130208

Status : Answered

Chosen Option : 3

Q.83

Consider a matrix  $A = \begin{bmatrix} 3 & 5 \\ -2 & -4 \end{bmatrix}$

consider the following statements on characteristic polynomial, Eigen Values and Eigen Vectors.

- (A) The characteristic polynomial is  $\lambda^2 + \lambda - 2$
- (B) The characteristic polynomial is  $\lambda^2 - 2\lambda - 4$  and the characteristic root or Eigen Values are  $\lambda^* = 2$  and 1
- (C) The characteristic polynomial is  $\lambda^2 - \lambda + 2$  and the characteristic root or Eigen Values are  $\lambda^* = 1$  and 2
- (D) The characteristic root or Eigen Values are  $\lambda^* = -2$  and 1

Choose the **correct** answer from the options given below :

- (1) (A), (C) and (D) Only
- (2) (B) and (D) Only
- (3) (B) and (C) Only
- (4) (A) and (D) Only

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **87827033107**

Option 1 ID : **878270130277**

Option 2 ID : **878270130278**

Option 3 ID : **878270130279**

Option 4 ID : **878270130280**

Status : **Answered**

Chosen Option : **2**

Q.84

The Solow residual is :

- (1) The difference between the rate of growth of productivity and the rate of growth of inputs
- (2) The difference between the rate of growth of output and the rate of growth of saving
- (3) The difference between the rate of growth of output and the rate of growth of inputs
- (4) The difference between the golden rule level of consumption and the steady state level of consumption

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **87827033059**

Option 1 ID : **878270130085**

Option 2 ID : **878270130086**

Option 3 ID : **878270130087**

Option 4 ID : **878270130088**

Status : **Answered**

Chosen Option : **2**



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**Q.85** Under the flexible inflation targeting framework of monetary policy adopted by the RBI in 2016, what is the target range of rate of inflation ?

- (1)  $(4 \pm 2)\%$
- (2)  $(5 \pm 2)\%$
- (3)  $(3 \pm 2)\%$
- (4)  $(2 \pm 2)\%$

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **87827033049**

Option 1 ID : **878270130045**

Option 2 ID : **878270130046**

Option 3 ID : **878270130047**

Option 4 ID : **878270130048**

Status : **Answered**

Chosen Option : 1

**Q.86** Suppose the cost function  $C(w_1, w_2, y) = y(w_1 + \sqrt{w_1 w_2} + w_2)$ , where  $w_1$  and  $w_2$  are the prices of 2 inputs which are used in production of  $y$ . Which of the following properties of the cost function  $C(w_1, w_2, y)$  is correct ?

- (1) Cost function  $C(w_1, w_2, y)$  is monotone, concave and continuous function in  $w_1, w_2$ .
- (2) Cost function  $C(w_1, w_2, y)$  is a non-monotone, convex and continuous function in  $w_1, w_2$ .
- (3) Cost function is continuous in  $w_1$  and  $w_2$  and discontinuous function in  $y$ .
- (4) Cost function is a continuous function and homogeneous function in degree 0.

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **87827033074**

Option 1 ID : **878270130145**

Option 2 ID : **878270130146**

Option 3 ID : **878270130147**

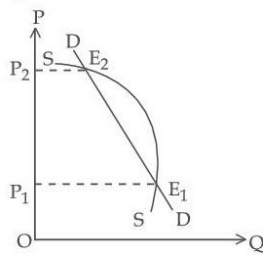
Option 4 ID : **878270130148**

Status : **Answered**

Chosen Option : 1

Q.87

In the given figure, DD is the demand curve and SS is the supply curve in a market. Choose the right answer from the following.



- (1) There is no stable equilibrium.
- (2)  $E_2$  is a stable equilibrium, though  $E_1$  is an unstable equilibrium
- (3)  $E_1$  is a stable equilibrium, though  $E_2$  is an unstable equilibrium
- (4) Both  $E_1$  &  $E_2$  are stable equilibria

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ

Question ID : 87827033081

Option 1 ID : 878270130173

Option 2 ID : 878270130174

Option 3 ID : 878270130175

Option 4 ID : 878270130176

Status : Answered

Chosen Option : 3

Q.88

Consider a Bertrand duopoly where the 2 firms produce a homogenous product. Assume the market demand curve is  $y = y_1 + y_2 = 1 - p$ , where  $p$  is the relevant market price,  $y$  is the total amount demanded at that price,  $y_1$  and  $y_2$  are the output levels of firm (1) and (2) respectively.

Assume that the firm's cost functions are  $C(y_i) = \frac{1}{2}y_i$  for  $i = 1, 2$ . The rules of the pricing game are as follows : Each firm must simultaneously quote a price in the interval  $[0, 1]$ . If the prices are different, the firm with the lower price sells all the units demanded at that price. If they quote the same price, the amount demanded at that price is split equally between the two firms. What would be the Nash equilibrium price and quantities ?

- (1)  $P_1 = P_2 = 1; Y_1 = Y_2 = \frac{1}{2}Y$ ; is one of the Multiple Nash Equilibria
- (2)  $P_1 = P_2 = \frac{1}{2}; Y_1 = Y_2 = \frac{1}{2}Y$ ; is the Unique Nash Equilibrium
- (3)  $P_1 > P_2 = \frac{1}{2}; Y_1 = 0, Y_2 = Y$ ; is one of the Multiple Nash Equilibria
- (4)  $P_1 < P_2 = \frac{1}{2}; Y_1 = Y, Y_2 = 0$ ; is one of the Multiple Nash Equilibria

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ

Question ID : 87827033073

Option 1 ID : 878270130141

Option 2 ID : 878270130142

Option 3 ID : 878270130143

Option 4 ID : 878270130144

Status : Answered

Chosen Option : 1

**Q.89** For a VAR model estimated using two variables X and Y, Lags of Y are jointly significant in the equation for X but Lags of X are jointly insignificant in the equation for Y. What can you conclude from this ?

- (1) There is no Granger causality between X and Y
- (2) There is bidirectional Granger causality between X and Y
- (3) X Granger causes Y but Y does not Granger cause X
- (4) Y Granger causes X but X does not Granger cause Y

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **87827033054**

Option 1 ID : **878270130065**

Option 2 ID : **878270130066**

Option 3 ID : **878270130067**

Option 4 ID : **878270130068**

Status : **Answered**

Chosen Option : **2**

**Q.90** The demand and supply functions for cobweb model are given as :

$$Q_t^d = 19 - 6P_t \text{ and } Q_t^s = 6P_{t-1} - 5$$

Choose the right answer related to intertemporal equilibrium price and the nature of the equilibrium.

- (1)  $\bar{P} = 2$ , explosive oscillation
- (2)  $\bar{P} = 2$ , uniform oscillation
- (3)  $\bar{P} = 3$ , damped oscillation
- (4)  $\bar{P} = 3$ , uniform oscillation

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **87827033075**

Option 1 ID : **878270130149**

Option 2 ID : **878270130150**

Option 3 ID : **878270130151**

Option 4 ID : **878270130152**

Status : **Answered**

Chosen Option : **3**

**Q.91** In an economy real GDP has increased from \$ 990 PPP to \$ 1080 PPP during 2015 to 2020. The incremental capital output ratio is 2.5. The rate of investment is :

- (1) 27.8 Percent
- (2) 22.5 Percent
- (3) 3.9 Percent
- (4) 19.5 Percent

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **87827033057**

Option 1 ID : **878270130077**

Option 2 ID : **878270130078**

Option 3 ID : **878270130079**

Option 4 ID : **878270130080**

Status : **Answered**

Chosen Option : **2**

Q.92

Consider a consumer's choice based on only 2 commodities i.e.,  $X \in \mathbb{R}_+^2$ , where  $X$  is a set of all commodity bundles which the consumer can conceive of. Suppose  $x$  and  $y$  are the 2 different commodity bundles and the budget set  $B$  of the consumer can be written as :

$B = \{(x, y) : p_1x + p_2y \leq M; x_i > 0, i = 1, 2\}$ . Which of the following statements is true ?

- (1) The budget set is an open, bounded and convex set
- (2) The budget set is not a bounded set
- (3) The budget set is a closed and non-convex set
- (4) The budget set is a closed, bounded and convex set

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 87827033072

Option 1 ID : 878270130137

Option 2 ID : 878270130138

Option 3 ID : 878270130139

Option 4 ID : 878270130140

Status : Answered

Chosen Option : 1

Q.93

Suppose a cost function of producing  $q$  level of output in  $C(w, r, q)$  where  $C(w, r, q) = q \left( \frac{w}{\alpha} + \frac{r}{\beta} \right)$ ,

where  $w$  and  $r$  are the wage cost and rental cost of the 2 inputs capital ( $K$ ) and labour ( $L$ ) respectively. What would be the production function  $q$  of  $k$  and  $l$  ?

- (1)  $q = \alpha k + \beta l$
- (2)  $q = [k^\alpha + l^\beta]^r$
- (3)  $q = \min \{\alpha l, \beta k\}$
- (4)  $q = A(k^\alpha \cdot l^\beta)$

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 87827033067

Option 1 ID : 878270130117

Option 2 ID : 878270130118

Option 3 ID : 878270130119

Option 4 ID : 878270130120

Status : Answered

Chosen Option : 1

Q.94

Repo rate is the interest rate at which :

- (1) The commercial banks borrow from the RBI
- (2) The commercial banks borrow from the other commercial banks
- (3) The commercial banks deposit money to the RBI
- (4) The common people deposit money to the RBI

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 87827033086

Option 1 ID : 878270130193

Option 2 ID : 878270130194

Option 3 ID : 878270130195

Option 4 ID : 878270130196

Status : Answered

Chosen Option : 1



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Q.95

The power of a test refers to :

- (1) Type I error
- (2) Type II error
- (3)  $1 - \text{Type II error}$
- (4)  $1 - \text{Type I error}$

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 87827033063

Option 1 ID : 878270130101

Option 2 ID : 878270130102

Option 3 ID : 878270130103

Option 4 ID : 878270130104

Status : Answered

Chosen Option : 3

Q.96

Given the following statements about major schools of thought in macroeconomics, state which ones are correct ?

- (A) The Keynesians believed in wage and price flexibility and highlighted the role of aggregate supply.
- (B) The monetarists highlighted the importance of money in the economic system and that of expectations in the analysis of inflation.
- (C) The classical school believed in the invisible hand and the efficiency of the market mechanism
- (D) The new Keynesians make use of the assumption of imperfect markets in their frameworks.

Choose the **correct** answer from the options given below :

- (1) (B), (C), (D) Only
- (2) (A), (B), (C), (D)
- (3) (A), (C), (D) Only
- (4) (A), (B), (C) Only

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 87827033100

Option 1 ID : 878270130249

Option 2 ID : 878270130250

Option 3 ID : 878270130251

Option 4 ID : 878270130252

Status : Answered

Chosen Option : 1



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**Q.97** If  $f(x, y)$  is a homogeneous function of degree 2 with  $f'(2, 3) = 4$  and  $f'(4, 6) = 12$ , find  $f(6, 9)$  :

- (1) 117
- (2) 234
- (3) 115
- (4) 243

Options 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : MCQ

Question ID : 87827033068

Option 1 ID : 878270130121

Option 2 ID : 878270130122

Option 3 ID : 878270130123

Option 4 ID : 878270130124

Status : Answered

Chosen Option : 2

**Q.98** Consider the following statements about the Current Account of the balance of payments and indicate which statements are true ?

- (A) Current Account deficit equals excess of imports over sum of exports and net transfers received by a country.
- (B) Current Account deficit may be covered by borrowing from foreigners.
- (C) Current Account deficit may be covered by buying assets from foreigners.
- (D) If India's Current Account deficit in a particular period is \$ 50 million, it can be financed by net capital inflows amounting to \$ 50 million.

Choose the **correct** answer from the options given below :

- (1) (A), (B), (C), (D)
- (2) (A), (B), (D) Only
- (3) (A), (C), (D) Only
- (4) (B), (C), (D) Only

Options 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : MCQ

Question ID : 87827033095

Option 1 ID : 878270130229

Option 2 ID : 878270130230

Option 3 ID : 878270130231

Option 4 ID : 878270130232

Status : Answered

Chosen Option : 2

- Q.99** Consider the following centrally sponsored schemes in India and choose the right sequence of time (year) when they were launched, from earliest to latest
- (A) Beti Bachao Beti Padhao
  - (B) Ujjwala
  - (C) Swachh Bharat Abhiyan
  - (D) Ayushman Bharat
  - (E) Right to Education
- Choose the **correct** answer from the options given below :
- (1) (E), (A), (C), (B), (D)
  - (2) (E), (C), (A), (B), (D)
  - (3) (A), (E), (C), (B), (D)
  - (4) (A), (C), (E), (D), (B)

**Options**

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**  
 Question ID : **87827033127**  
 Option 1 ID : **878270130357**  
 Option 2 ID : **878270130358**  
 Option 3 ID : **878270130359**  
 Option 4 ID : **878270130360**  
 Status : **Answered**  
 Chosen Option : **2**

- Q.100** If the Average Revenue function  $AR = 10 + 5q - q^2$ , then the Marginal Revenue function is a :
- (1) Convex function
  - (2) Concave function
  - (3) Can be both concave or convex function
  - (4) Weakly concave function

**Options**

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**  
 Question ID : **87827033069**  
 Option 1 ID : **878270130125**  
 Option 2 ID : **878270130126**  
 Option 3 ID : **878270130127**  
 Option 4 ID : **878270130128**  
 Status : **Answered**  
 Chosen Option : **4**

- Q.101** Which of the following dimensions is included in HPI - 2 (Human Poverty Index - 2)
- (1) Gender Inequalities
  - (2) Financial Inclusion
  - (3) Social Inclusion
  - (4) Economic Inclusion

**Options**

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**  
 Question ID : **87827033058**  
 Option 1 ID : **878270130081**  
 Option 2 ID : **878270130082**  
 Option 3 ID : **878270130083**  
 Option 4 ID : **878270130084**  
 Status : **Answered**  
 Chosen Option : **4**



Q.102

Let  $H = e^Q$  where  $Q = Ax^\alpha y^\beta$

Consider the following statements.

- (A)  $Q$  is a homogeneous function for all values of  $\alpha$  and  $\beta$
- (B)  $H$  is a homothetic function for all values of  $\alpha$  and  $\beta$
- (C)  $Q$  is a homogeneous function only if  $\alpha + \beta = 1$
- (D)  $H$  is not a homogeneous function
- (E)  $Q$  is not a homogeneous function

Choose the **correct** answer from the options given below :

- (1) (A) and (B) Only
- (2) (A), (B) and (D) Only
- (3) (C) and (A) Only
- (4) (E) and (D) Only

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 87827033102

Option 1 ID : 878270130257

Option 2 ID : 878270130258

Option 3 ID : 878270130259

Option 4 ID : 878270130260

Status : Answered

Chosen Option : 3



Q.103

The Central Bank of a country maintains a fixed exchange rate, which is defined as the number of units of domestic currency per unit of foreign currency. Currently the domestic currency is **overvalued** against the foreign currency. In this context, indicate the kind of intervention required by the Central Bank to maintain the parity, by putting the following statements in correct order.

- (A) The demand for foreign currency exceeds its supply
- (B) The exchange rate is lower than the market clearing exchange rate
- (C) The gap between supply and demand for foreign currency is equalized
- (D) The Central Bank's stock of foreign currency is depleted
- (E) The Central Bank sells foreign currency from its stock of reserves

Choose the **correct** answer from the options given below :

- (1) (B), (E), (A), (D), (C)
- (2) (B), (A), (E), (D), (C)
- (3) (B), (E), (A), (C), (D)
- (4) (B), (A), (E), (C), (D)

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 87827033132

Option 1 ID : 878270130377

Option 2 ID : 878270130378

Option 3 ID : 878270130379

Option 4 ID : 878270130380

Status : Answered

Chosen Option : 2



- Q.104** In a market for labour's demand and supply, the equilibrium wage is  $w^*$ . The government fixes a minimum wage at  $w'$ . Which of the following statements is true ?
- (1) There is a tendency of increased casualization of workers if  $w' > w^*$ , where the workers would not receive lots of benefits.
  - (2) The market will now tend towards a new equilibrium at  $w'$ , with no other changes, if  $w' > w^*$ .
  - (3) If  $w' < w^*$ , there will be a tendency of increased casualization of workers.
  - (4) It will be impossible to administer such a legislation unless  $w' = w^*$ .

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ

Question ID : 87827033080

Option 1 ID : 878270130169

Option 2 ID : 878270130170

Option 3 ID : 878270130171

Option 4 ID : 878270130172

Status : Answered

Chosen Option : 2

- Q.105** Arrange the following names of former governors of RBI in the sequence in which they held the post starting from the earliest to latest.

- (A) Y.V. Reddy
- (B) D Subbarao
- (C) Raghuram Rajan
- (D) Urjit Patel

Choose the **correct** answer from the options given below :

- (1) (C), (B), (D), (A)
- (2) (C), (A), (D), (B)
- (3) (A), (B), (C), (D)
- (4) (D), (C), (A), (B)

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ

Question ID : 87827033124

Option 1 ID : 878270130345

Option 2 ID : 878270130346

Option 3 ID : 878270130347

Option 4 ID : 878270130348

Status : Answered

Chosen Option : 3

**Q.106** Suppose you are testing a Null Hypothesis about the population mean,  $H_0: \mu = \mu_0$ , against  $H_1: \mu > \mu_0$ , with population variance given. The computed value of the test statistic is  $Z_c$ . What is the p-value for this test, where  $\Phi(\cdot)$  is the cumulative distribution function for the standard normal distribution?

- (1)  $\Phi(Z_c)$
- (2)  $\Phi(Z_c/2)$
- (3)  $1 - \Phi(Z_c)$
- (4)  $1 - \Phi(Z_c/2)$

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ

Question ID : 87827033062

Option 1 ID : 878270130097

Option 2 ID : 878270130098

Option 3 ID : 878270130099

Option 4 ID : 878270130100

Status : Answered

Chosen Option : 1

**Q.107** Chow Test is normally run to understand if a single regression run on pooled data is more efficient to describe a relation between a dependent variable and a set of independent variables than the same regression being run separately on two subgroups of sample. The steps involved in running the Chow Test are :

- (A) Run the regression model on pooled sample and calculate  $RSS_p$
- (B) Run the same regression model on the two sub-samples separately and calculate  $RSS_1$  and  $RSS_2$
- (C) Calculate the F statistic
- (D) Check the critical F with related degrees of freedom and compare it with F calculated
- (E) Do not reject  $H_0$  if  $F_{\text{calculated}} < F_{\text{critical}}$

Choose the correct answer from the options given below :

- (1) (A), (B), (C), (D), (E)
- (2) (A), (D), (C), (B), (E)
- (3) (C), (A), (B), (D), (E)
- (4) (C), (B), (A), (D), (E)

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ

Question ID : 87827033128

Option 1 ID : 878270130361

Option 2 ID : 878270130362

Option 3 ID : 878270130363

Option 4 ID : 878270130364

Status : Answered

Chosen Option : 1

- Q.108** Suppose a consumer has a utility function  $u(x) = 10\sqrt{x}$ , where  $x$  is the money income of the consumer. Suppose the consumer's initial endowment is Rs 50. Suppose she may suffer a loss of Rs 25 with a probability of 0.5 for some random event. Suppose she pays  $p$  premium for an insurance policy that fully reimburses her if she suffers a loss. How much premium  $p$  would she be willing to pay to insure against the loss ?
- (1) 12.50
  - (2) 13.57
  - (3) 11.59
  - (4) 14.41

**Options** 1. 1  
2. 2  
3. 3  
4. 4

Question Type : **MCQ**  
Question ID : **87827033070**  
Option 1 ID : **878270130129**  
Option 2 ID : **878270130130**  
Option 3 ID : **878270130131**  
Option 4 ID : **878270130132**  
Status : **Answered**  
Chosen Option : 1

- Q.109** If the estimated slope coefficient in the regression of  $Y$  on  $X$  is  $\hat{\beta}$ , what will be the estimated slope coefficient in the regression of  $5Y$  on  $10X$  ?
- (1)  $5\hat{\beta}$
  - (2)  $10\hat{\beta}$
  - (3)  $2\hat{\beta}$
  - (4)  $0.5\hat{\beta}$

**Options** 1. 1  
2. 2  
3. 3  
4. 4

Question Type : **MCQ**  
Question ID : **87827033052**  
Option 1 ID : **878270130057**  
Option 2 ID : **878270130058**  
Option 3 ID : **878270130059**  
Option 4 ID : **878270130060**  
Status : **Answered**  
Chosen Option : 3

**Q.110** Arrange the following events in Indian Financial System in correct chronological order, starting from earliest to latest.

- (A) Setting up of PFRDA
- (B) Setting up of UTI
- (C) Nationalisation of 14 commercial banks
- (D) Implementation of IBC

Choose the **correct** answer from the options given below :

- (1) (A), (B), (C), (D)
- (2) (C), (A), (B), (D)
- (3) (B), (C), (A), (D)
- (4) (A), (C), (B), (D)

**Options** 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **87827033125**

Option 1 ID : **878270130349**

Option 2 ID : **878270130350**

Option 3 ID : **878270130351**

Option 4 ID : **878270130352**

Status : **Not Answered**

Chosen Option : --

**Q.111** Match List - I with List - II.

**List - I**

- (A) Ramsar Convention
- (B) Basel Convention
- (C) Montreal Protocol
- (D) Paris Agreement

**List - II**

- (I) Ozone layer depletion
- (II) Reduction of greenhouse gas emission
- (III) Conservation of wetlands
- (IV) Control of trans-boundary movement of hazardous wastes and disposal

Choose the **correct** answer from the options given below :

- (1) (A)-(I), (B)-(IV), (C)-(III), (D)-(II)
- (2) (A)-(III), (B)-(I), (C)-(II), (D)-(IV)
- (3) (A)-(IV), (B)-(I), (C)-(III), (D)-(II)
- (4) (A)-(III), (B)-(IV), (C)-(I), (D)-(II)

**Options** 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **87827033113**

Option 1 ID : **878270130301**

Option 2 ID : **878270130302**

Option 3 ID : **878270130303**

Option 4 ID : **878270130304**

Status : **Answered**

Chosen Option : **4**



Q.112

World Hunger Index (WHI) includes :

- (A) Child mortality with weight  $\frac{1}{3}$
- (B) Child stunting with weight  $\frac{1}{3}$
- (C) Undernourishment with weight  $\frac{1}{3}$
- (D) Child wasting with weight  $\frac{1}{6}$
- (E) Child mortality with weight  $\frac{1}{6}$

Choose the **correct** answer from the options given below :

- (1) (A), (B) and (C) Only
- (2) (A), (C) and (D) Only
- (3) (B), (C) and (E) Only
- (4) (D) and (E) Only

Options 1. 1

2. 2

3. 3

4. 4



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Question Type : MCQ

Question ID : 87827033088

Option 1 ID : 878270130201

Option 2 ID : 878270130202

Option 3 ID : 878270130203

Option 4 ID : 878270130204

Status : Answered

Chosen Option : 3

Q.113

The current account deficit of the BOP may be financed in many ways. Which of the following are correct ?

- (A) FDI inflows
- (B) Inflow of foreign portfolio investment
- (C) Borrowing from IMF or World Bank
- (D) Drawing down foreign exchange reserves

Choose the **correct** answer from the options given below :

- (1) (A), (B), (C) Only
- (2) (B), (C), (D) Only
- (3) (A), (B), (C), (D)
- (4) (A), (C), (D) Only

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 87827033097

Option 1 ID : 878270130237

Option 2 ID : 878270130238

Option 3 ID : 878270130239

Option 4 ID : 878270130240

Status : Not Answered

Chosen Option : --



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- Q.114** The expert committee set up by RBI in 2013 to revise and strengthen the monetary policy framework in India was chaired by :
- (1) Raghuram Rajan
  - (2) Urjit Patel
  - (3) Deepak Mohanty
  - (4) Michael Patra

Options 1. 1  
2. 2  
3. 3  
4. 4

Question Type : **MCQ**  
 Question ID : **87827033048**  
 Option 1 ID : **878270130041**  
 Option 2 ID : **878270130042**  
 Option 3 ID : **878270130043**  
 Option 4 ID : **878270130044**  
 Status : **Answered**  
 Chosen Option : **1**

- Q.115** The OLS regression output of wages (Rs in thousand) on education (years of schooling S) and cognitive ability scores (CA) comes out to be :

$$\widehat{\text{wages}} = -3.36 + 0.64 S + 0.15 CA$$

(1.98) (0.12) (0.05)

with figures in parenthesis giving standard error.

The explained sum of squares is 4745.75 with degrees of freedom 2 and residual sum of squares is 33651.28 with degrees of freedom 567, which of the following statements is/are true ?

- (A) For one year increase in schooling, wage per hour increases by Rs. 640 on the average, when CA is kept constant.
- (B) The value of t statistic of CA is 3.
- (C) The F statistic is given by  $F = \frac{(4745.75/2)}{(33651.28/567)}$
- (D) The F statistic is given by  $F = \frac{(33651.28/567)}{(4745.75/2)}$

Choose the **correct** answer from the options given below :

- (1) (A), (C) Only
- (2) (A), (B), (D) Only
- (3) (A), (B), (C) Only
- (4) (A), (D) Only

Options 1. 1  
2. 2  
3. 3  
4. 4

Question Type : **MCQ**  
 Question ID : **87827033105**  
 Option 1 ID : **878270130269**  
 Option 2 ID : **878270130270**  
 Option 3 ID : **878270130271**  
 Option 4 ID : **878270130272**  
 Status : **Not Answered**  
 Chosen Option : **--**

**Q.116** Suppose an economy is in medium-run equilibrium. Now the government enacts a law, making entry of new firms difficult, which increases the monopoly power of the existing firms. Which of the following statements are true about this change ?

- (A) Output level will be lower in medium-run
- (B) Output level will be lower in short-run
- (C) Price level will be higher in medium-run
- (D) Price level will be higher in short-run

Choose the **correct** answer from the options given below :

- (1) (A) and (C) Only
- (2) (B), (C) and (D) Only
- (3) (B) and (C) Only
- (4) (A), (B) (C) and (D) Only

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **87827033092**

Option 1 ID : **878270130217**

Option 2 ID : **878270130218**

Option 3 ID : **878270130219**

Option 4 ID : **878270130220**

Status : **Not Answered**

Chosen Option : --

**Q.117** In a regression of a dependent variable on intercept and k other independent variables using n observations, what are respectively the numerator and denominator degrees of freedom for the F test for overall significance of the regression ?

- (1)  $k - 1, n - k$
- (2)  $k, n - k - 1$
- (3)  $k - 1, n - k - 1$
- (4)  $k, n - k$

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **87827033050**

Option 1 ID : **878270130049**

Option 2 ID : **878270130050**

Option 3 ID : **878270130051**

Option 4 ID : **878270130052**

Status : **Not Answered**

Chosen Option : --

**Q.118** If the interest rate is exogenously determined by the Central Bank of some country and the money supply is endogenously determined, the slope of the LM-curve in the interest rate-income plane would be :

- (1) Positively sloped
- (2) Negatively sloped
- (3) Horizontal
- (4) Vertical

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **87827033083**

Option 1 ID : **878270130181**

Option 2 ID : **878270130182**

Option 3 ID : **878270130183**

Option 4 ID : **878270130184**

Status : **Answered**

Chosen Option : **2**

**Q.119** Given below are two statements : one is labelled as **Assertion (A)** and the other is labelled as **Reason (R)**.

**Assertion (A) :** According to the Domar condition of debt sustainability, the public debt would not rise as proportion of GDP if the effective interest rate on government liabilities happens to be less than or equal to the growth rate of GDP at current price.

**Reason (R) :** Growth rate of GDP of an economy at current price is bound to be less than the effective interest rate on the government bonds.

In the light of the above statements, choose the **most appropriate answer** from the options given below :

- (1) Both (A) and (R) are correct and (R) is the correct explanation of (A)
- (2) Both (A) and (R) are correct but (R) is **not** the correct explanation of (A)
- (3) (A) is correct but (R) is not correct
- (4) (A) is not correct but (R) is correct

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **87827033137**

Option 1 ID : **878270130397**

Option 2 ID : **878270130398**

Option 3 ID : **878270130399**

Option 4 ID : **878270130400**

Status : **Answered**

Chosen Option : **2**

Q.120

Which one of the following are money market instruments ?

- (A) 91-day Treasury bill
- (B) Commercial paper
- (C) Certificate of deposit issued by banks
- (D) 5-yr government bond

Choose the **correct** answer from the options given below :

- (1) (A) Only
- (2) (A) and (B) Only
- (3) (A), (B) and (C) Only
- (4) (B) and (C) Only

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 87827033094

Option 1 ID : 878270130225

Option 2 ID : 878270130226

Option 3 ID : 878270130227

Option 4 ID : 878270130228

Status : Not Answered

Chosen Option : --

Q.121

Gini-coefficient, a widely used measure of inequality in income is defined as :

$$(1) \frac{1}{n^2\mu} \sum_i \sum_{j \leq i} (y_i - y_j)$$

$$(2) \frac{2}{n^2\mu} \sum_i i y_i - \left[ \frac{n+1}{n} \right]$$

$$(3) \frac{2}{n\mu} \frac{\sum_i i y_i}{\sum_i y_i} - \left[ \frac{n+1}{n} \right]$$

$$(4) \frac{1}{n^2\mu} \sum_{i=1}^n \sum_{j=1}^n |(y_i - y_j)|$$

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 87827033060

Option 1 ID : 878270130089

Option 2 ID : 878270130090

Option 3 ID : 878270130091

Option 4 ID : 878270130092

Status : Answered

Chosen Option : 4



**Q.122** Match List - I with List - II.

**List - I**

- (A) Coase theorem
- (B) Climate change
- (C) Ecological dumping
- (D) Tradable emission permit

**List - II**

- (I) Property right, victim's pay and polluter pay principle
- (II) Lax environmental regulation, hidden subsidy
- (III) Quantity restriction
- (IV) Global externality

Choose the **correct** answer from the options given below :

- (1) (A)-(III), (B)-(IV), (C)-(II), (D)-(I)
- (2) (A)-(I), (B)-(IV), (C)-(II), (D)-(III)
- (3) (A)-(II), (B)-(I), (C)-(III), (D)-(IV)
- (4) (A)-(III), (B)-(IV), (C)-(I), (D)-(II)

**Options** 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **87827033114**

Option 1 ID : **878270130305**

Option 2 ID : **878270130306**

Option 3 ID : **878270130307**

Option 4 ID : **878270130308**

Status : **Answered**

Chosen Option : **2**

**Q.123** Endogenous growth theory assumes :

- (1) Increasing returns to scale and perfect competition
- (2) Decreasing returns to scale and perfect competition
- (3) Increasing returns to scale and imperfect competition
- (4) Decreasing returns to scale and imperfect competition

**Options** 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **87827033061**

Option 1 ID : **878270130093**

Option 2 ID : **878270130094**

Option 3 ID : **878270130095**

Option 4 ID : **878270130096**

Status : **Answered**

Chosen Option : **1**



**Q.124** Arrange the following in order of their year of establishment starting from the oldest.

- (A) Lakdawala Committee
- (B) Khusro Committee
- (C) Alagh Committee
- (D) Nayak Committee
- (E) Tendulkar Committee

Choose the **correct** answer from the options given below :

- (1) (D), (B), (C), (A), (E)
- (2) (C), (D), (B), (A), (E)
- (3) (C), (B), (D), (A), (E)
- (4) (B), (C), (D), (E), (A)

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **87827033129**

Option 1 ID : **878270130365**

Option 2 ID : **878270130366**

Option 3 ID : **878270130367**

Option 4 ID : **878270130368**

Status : **Answered**

Chosen Option : 1

**Q.125** Read the following statements regarding demography across India's **major** states.

- (A) Kerala pioneered fertility transition in India.
- (B) Bihar has high IMR, as well as low reporting of morbidity.
- (C) Orissa records the highest share of immunized children as per NFHS-5 round.
- (D) Tamil Nadu has the highest share of old age population as per Census 2011.
- (E) Madhya Pradesh has the highest share of stunted children as per NFHS-5

Choose the **correct** answer from the options given below :

- (1) (A), (D) Only
- (2) (A), (B), (E) Only
- (3) (A), (D), (E) Only
- (4) (A), (B), (C) Only

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **87827033106**

Option 1 ID : **878270130273**

Option 2 ID : **878270130274**

Option 3 ID : **878270130275**

Option 4 ID : **878270130276**

Status : **Not Answered**

Chosen Option : --



**Q.126** According to the Census 2011, which major Indian state is the most urbanized ?

- (1) Maharashtra
- (2) Punjab
- (3) Karnataka
- (4) Tamil Nadu

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **87827033079**

Option 1 ID : **878270130165**

Option 2 ID : **878270130166**

Option 3 ID : **878270130167**

Option 4 ID : **878270130168**

Status : **Not Answered**

Chosen Option : --

**Q.127** In the model  $\ln Y_i = \alpha + \beta X_i + u_i$  Where  $\ln$  is natural log, the elasticity of Y w.r.t. X is given by :

- (1)  $\beta$
- (2)  $\beta X_i$
- (3)  $\frac{\beta}{Y_i}$
- (4)  $\beta \frac{X_i}{Y_i}$

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **87827033056**

Option 1 ID : **878270130073**

Option 2 ID : **878270130074**

Option 3 ID : **878270130075**

Option 4 ID : **878270130076**

Status : **Not Answered**

Chosen Option : --

**Q.128** Suppose India is home country and USA is foreign country. Interest rate in India is 3%, that in US is 1%. The Re-\$ exchange rate is Rs. 80 per USD in spot market and Rs. 81 per USD in 3 month forward market. Which of the following are true for the resulting covered interest arbitrage flows ?

- (A) Indian Rupee will depreciate in spot market
- (B) Indian Rupee will depreciate in forward market
- (C) Interest rate will decline in India
- (D) Interest rate will decline in US

Choose the **correct** answer from the options given below :

- (1) (A) and (B) Only
- (2) (A) and (C) Only
- (3) (A) and (D) Only
- (4) (A), (B), (C) and (D)

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **87827033096**

Option 1 ID : **878270130233**

Option 2 ID : **878270130234**

Option 3 ID : **878270130235**

Option 4 ID : **878270130236**

Status : **Not Answered**

Chosen Option : --

**Q.129** In March, 2023 the consumer price index (CPI) of a country with a 1982 base index of 100, was 234.7. This means the cost of purchasing the market basket of goods and services :

- (1) has decreased by 134.7% since 1982
- (2) has increased by 34.7% since 1982
- (3) has increased by 234.7% since 1982
- (4) has increased by 134.7% since 1982

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **87827033065**

Option 1 ID : **878270130109**

Option 2 ID : **878270130110**

Option 3 ID : **878270130111**

Option 4 ID : **878270130112**

Status : **Not Answered**

Chosen Option : --



**Q.130** Consider the following statements :

Assume a consumer's choice is based on only 2 commodities i.e.,  $X \in \mathbb{R}_+^2$ , where  $X$  is the set of all possible commodities which a consumer can conceive of :

- (A) Monotonicity of preference implies strong monotonicity but not the other way round.
- (B) A preference relation is monotone if for all commodity bundle  $x, y \in X$ ,  $y \geq x$  and  $y \neq x$ ; then  $y \succeq x$ .
- (C) A preference relation ( $\succeq$ ) on  $X$  is strongly monotone if for all commodity bundles  $x, y \in X$ ,  $y > x$  and  $y \neq x$ ; then  $y \succeq x$ .
- (D) A preference which is locally non satiated must follow monotonicity and strong monotonicity.

Choose the **correct** answer from the options given below :

- (1) (B) and (D) Only
- (2) (A), (B) and (D) Only
- (3) (A), (C) and (D) Only
- (4) (A) and (D) Only

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **87827033110**

Option 1 ID : **878270130289**

Option 2 ID : **878270130290**

Option 3 ID : **878270130291**

Option 4 ID : **878270130292**

Status : **Not Answered**

Chosen Option : --

**Q.131** Suppose  $f(\cdot)$  is a continuous function over a closed and bounded interval  $[a, b]$ . Then there exists a point  $d$  in  $[a, b]$  where  $f(\cdot)$  has a minimum, and a point  $c$  in  $[a, b]$  where  $f(\cdot)$  has a maximum, so that  $f(d) \leq f(x) \leq f(c)$  for all  $x$  in  $[a, b]$ . The statement is derived from :

- (1) Intermediate Value Theorem
- (2) Rolle's Theorem
- (3) Mean value Theorem
- (4) Extreme value Theorem

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4



Question Type : **MCQ**

Question ID : **87827033071**

Option 1 ID : **878270130133**

Option 2 ID : **878270130134**

Option 3 ID : **878270130135**

Option 4 ID : **878270130136**

Status : **Answered**

Chosen Option : 2





Q.132

Consider the following statements :

- (A) The union of finite numbers of closed set is a closed set
- (B) The empty set is an open set but not a closed set
- (C) Every infinite set is an open set
- (D) The intersection of finite numbers of open sets is an open set

Choose the **correct** answer from the options given below :

- (1) (A) and (B) Only
- (2) (B) and (C) Only
- (3) (A) and (D) Only
- (4) (A), (B) and (C) Only

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 87827033109

Option 1 ID : 878270130285

Option 2 ID : 878270130286

Option 3 ID : 878270130287

Option 4 ID : 878270130288

Status : Answered

Chosen Option : 1

Q.133

Match the following :

List - I

Theory

- (A) Permanent Income Hypothesis of Consumption
- (B) Life-cycle Hypothesis of Consumption
- (C) Real Business Cycle Theory
- (D) Policy Ineffectiveness Proposition

List - II

Economist(s) who gave it

- (I) T. Sargent and N. Wallace
- (II) Milton Friedman
- (III) Franco Modigliani
- (IV) F. Kydland and E. Prescott

Choose the **correct** answer from the options given below :

- (1) (A)-(III), (B)-(II), (C)-(I), (D)-(IV)
- (2) (A)-(III), (B)-(II), (C)-(IV), (D)-(I)
- (3) (A)-(II), (B)-(III), (C)-(IV), (D)-(I)
- (4) (A)-(II), (B)-(III), (C)-(I), (D)-(IV)

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 87827033118

Option 1 ID : 878270130321

Option 2 ID : 878270130322

Option 3 ID : 878270130323

Option 4 ID : 878270130324

Status : Answered

Chosen Option : 4





**Q.134** Given below are two statements :

**Statement (I) :** Agricultural GDP constitutes less than 16% of aggregate GDP at 2011-12 constant prices and less than 20% of the aggregate GDP at current prices in 2022-23 (PE) in India.

**Statement (II) :** Service sector GDP constitutes less than 16% of aggregate GDP at 2011-12 constant prices and less than 20% of the aggregate GDP at current prices in 2022-23 (PE) in India.

In the light of the above statements, choose the **most appropriate answer** from the options given below :

- (1) Both **Statement I** and **Statement II** are correct
- (2) Both **Statement I** and **Statement II** are incorrect
- (3) **Statement I** is correct but **Statement II** is incorrect
- (4) **Statement I** is incorrect but **Statement II** is correct

**Options** 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **87827033133**

Option 1 ID : **878270130381**

Option 2 ID : **878270130382**

Option 3 ID : **878270130383**

Option 4 ID : **878270130384**

Status : **Answered**

Chosen Option : **3**

**Q.135** Given below are two statements :

**Statement (I) :** Human Development is a process of enlarging peoples' choices.

**Statement (II) :** Human Development Index (HDI) is based on the following indicators : Life expectancy at birth, expected years of schooling, mean years of schooling & Gross domestic product per capita at dollar PPP.

In the light of the above statements, choose the **most appropriate answer** from the options given below :

- (1) Both **Statement I** and **Statement II** are correct
- (2) Both **Statement I** and **Statement II** are incorrect
- (3) **Statement I** is correct but **Statement II** is incorrect
- (4) **Statement I** is incorrect but **Statement II** is correct

**Options** 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **87827033135**

Option 1 ID : **878270130389**

Option 2 ID : **878270130390**

Option 3 ID : **878270130391**

Option 4 ID : **878270130392**

Status : **Answered**

Chosen Option : **1**





Q.136 Match List - I with List - II.

**List - I**

- (A) Quantity theory of money
- (B) Involuntary unemployment
- (C) Randomised trial
- (D) Relative poverty

**List - II**

- (I) Milton Friedman
- (II) John Maynard Keynes
- (III) Abhijit V. Banerjee
- (IV) Amartya K. Sen

Choose the **correct** answer from the options given below :

- (1) (A)-(I), (B)-(II), (C)-(III), (D)-(IV)
- (2) (A)-(IV), (B)-(III), (C)-(II), (D)-(I)
- (3) (A)-(III), (B)-(II), (C)-(I), (D)-(IV)
- (4) (A)-(III), (B)-(II), (C)-(IV), (D)-(I)

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **87827033122**

Option 1 ID : **878270130337**

Option 2 ID : **878270130338**

Option 3 ID : **878270130339**

Option 4 ID : **878270130340**

Status : **Answered**

Chosen Option : **1**

Q.137 Given below are two statements :

**Statement (I) :** The Government's spending on social services as a percentage of GDP has been rising since 2017-18.

**Statement (II) :** The Government's spending on social services as a percentage of total expenditure has also been continuously rising since 2017-18.

In the light of the above statements, choose the **most appropriate** answer from the options given below :

- (1) Both **Statement I** and **Statement II** are correct
- (2) Both **Statement I** and **Statement II** are incorrect
- (3) **Statement I** is correct but **Statement II** is incorrect
- (4) **Statement I** is incorrect but **Statement II** is correct

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **87827033134**

Option 1 ID : **878270130385**

Option 2 ID : **878270130386**

Option 3 ID : **878270130387**

Option 4 ID : **878270130388**

Status : **Answered**

Chosen Option : **1**



Q.138

$$A = \begin{bmatrix} 1 & 3 \\ 2 & 8 \\ 4 & 0 \end{bmatrix} \text{ and } B = \begin{bmatrix} 5 \\ 9 \end{bmatrix}$$

(A) AB is given by  $\begin{bmatrix} 32 \\ 82 \\ 20 \end{bmatrix}$

(B) BA is given by  $[32 \ 82 \ 20]$

(C) AB is not defined

(D) BA is not defined

(E)  $A^T B$  is defined

Choose the **correct** answer from the options given below :

- (1) (C) and (B) Only
- (2) (A), (D), (E) Only
- (3) (A) Only
- (4) (A) and (D) Only

Options 1. 1

2. 2

3. 3

4. 4



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Question Type : MCQ

Question ID : 87827033103

Option 1 ID : 878270130261

Option 2 ID : 878270130262

Option 3 ID : 878270130263

Option 4 ID : 878270130264

Status : Answered

Chosen Option : 4

Q.139 Arrange the given schools of thought in macroeconomics in chronological order, from the oldest to most recent one.

- (A) The Keynesian school
- (B) The new classical school
- (C) The classical school
- (D) The new Keynesian school
- (E) The monetarists

Choose the **correct** answer from the options given below :

- (1) (A), (D), (C), (B), (E)
- (2) (E), (C), (B), (A), (D)
- (3) (C), (B), (A), (D), (E)
- (4) (C), (A), (E), (B), (D)

Options 1. 1

2. 2

3. 3

4. 4



Question Type : MCQ

Question ID : 87827033131

Option 1 ID : 878270130373

Option 2 ID : 878270130374

Option 3 ID : 878270130375

Option 4 ID : 878270130376

Status : Answered

Chosen Option : 4

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**Q.140** Given a random sample of size  $n$  from a population with mean  $\mu$  and variance,  $\sigma^2$ , the sample mean has the following expected value and variance :

- (1)  $E(\bar{x}) = \mu \quad \text{Var}(\bar{x}) = \sigma^2/n$
- (2)  $E(\bar{x}) = n\mu \quad \text{Var}(\bar{x}) = n\sigma^2$
- (3)  $E(\bar{x}) = \mu \quad \text{Var}(\bar{x}) = \sigma^2$
- (4)  $E(\bar{x}) = \mu \quad \text{Var}(\bar{x}) = n/\sigma^2$

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **87827033064**

Option 1 ID : **878270130105**

Option 2 ID : **878270130106**

Option 3 ID : **878270130107**

Option 4 ID : **878270130108**

Status : **Answered**

Chosen Option : 1

**Comprehension:**

Assume that there are 2 firms producing steel. There is a negative externality due to production causing pollution. Firm 1's output is  $q_1$  and firm 2's is  $q_2$ . Assume that the market price for steel is  $P_s = 1$ . Now consider two scenarios :

Scenario 1 : Assume that firm 1's cost function is  $C_1(q_1) = q_1^2$  and firm 2's cost function is  $C_2(q_2, q_1) = (q_2 + 0.75 q_1)^2$ . In short, firm 1's production is not affected by firm 2 but firm 2's production is affected by firm 1, i.e., Firm 1's operation causes firm 2's costs to rise.

Scenario 2 : Assume that negative externality works both ways i.e. both the firms face the adverse impact. So assume  $C_1(q_1, q_2) = (q_1 + 0.75 q_2)^2$  and  $C_2(q_1, q_2) = (q_2 + 0.75 q_1)^2$ , i.e., Firm 1's operation causes firm 2's costs to rise and vice versa.

**SubQuestion No : 141**

**Q.141** Do you think that the equilibrium outcome for Scenario 2 is inefficient? How would the efficiency be restored?

- (1) No, the equilibrium outcome of the firms are profit minimizing outcome.
- (2) The externality can be resolved by closing down both the firms is,  $\pi_1 = \pi_2 = 0$
- (3) If one of the firm is forced to close down, the externality will be reduced and their joint profit is  $\pi_1 + \pi_2 = 0.071$
- (4) If one of the firm is forced to close down, the externality will be reduced and their joint profit is  $\pi_1 + \pi_2 = 0.109$

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **87827033143**

Option 1 ID : **878270130417**

Option 2 ID : **878270130418**

Option 3 ID : **878270130419**

Option 4 ID : **878270130420**

Status : **Answered**

Chosen Option : 1

**Comprehension:**

Assume that there are 2 firms producing steel. There is a negative externality due to production causing pollution. Firm 1's output is  $q_1$  and firm 2's is  $q_2$ . Assume that the market price for steel is  $P_s = 1$ . Now consider two scenarios :

Scenario 1 : Assume that firm 1's cost function is  $C_1(q_1) = q_1^2$  and firm 2's cost function is  $C_2(q_2, q_1) = (q_2 + 0.75 q_1)^2$ . In short, firm 1's production is not affected by firm 2 but firm 2's production is affected by firm 1, i.e., Firm 1's operation causes firm 2's costs to rise.

Scenario 2 : Assume that negative externality works both ways i.e. both the firms face the adverse impact. So assume  $C_1(q_1, q_2) = (q_1 + 0.75 q_2)^2$  and  $C_2(q_1, q_2) = (q_2 + 0.75 q_1)^2$ , i.e., Firm 1's operation causes firm 2's costs to rise and vice versa.

**SubQuestion No : 142**

**Q.142** What would be the market equilibrium profit of the 2 firms, in Scenario 2 ?

(1)  $\pi_1 = \frac{1}{28}, \pi_2 = \frac{1}{28}$

(2)  $\pi_1 = \frac{2}{7}, \pi_2 = \frac{2}{7}$

(3)  $\pi_1 = \frac{1}{14}, \pi_2 = \frac{1}{14}$

(4)  $\pi_1 = \pi_2 = 0$

**Options** 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **87827033142**

Option 1 ID : **878270130413**

Option 2 ID : **878270130414**

Option 3 ID : **878270130415**

Option 4 ID : **878270130416**

Status : **Answered**

Chosen Option : **1**



**Comprehension:**

Assume that there are 2 firms producing steel. There is a negative externality due to production causing pollution. Firm 1's output is  $q_1$  and firm 2's is  $q_2$ . Assume that the market price for steel is  $P_s = 1$ . Now consider two scenarios :

Scenario 1 : Assume that firm 1's cost function is  $C_1(q_1) = q_1^2$  and firm 2's cost function is  $C_2(q_2, q_1) = (q_2 + 0.75 q_1)^2$ . In short, firm 1's production is not affected by firm 2 but firm 2's production is affected by firm 1, i.e., Firms 1's operation causes firm 2's costs to rise.

Scenario 2 : Assume that negative externality works both ways i.e. both the firms face the adverse impact. So assume  $C_1(q_1, q_2) = (q_1 + 0.75 q_2)^2$  and  $C_2(q_1, q_2) = (q_2 + 0.75 q_1)^2$ , i.e., Firms 1's operation causes firm 2's costs to rise and vice versa.

**SubQuestion No : 143**

Q.143

What is the long run profit of firm 1 ( $\pi_1$ ), in Scenario 1 ?

- (1)  $\pi_1 = 0.025$
- (2)  $\pi_1 = 0$
- (3)  $\pi_1 = 0.25$
- (4)  $\pi_1 = 0.125$

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ

Question ID : 87827033140

Option 1 ID : 878270130405

Option 2 ID : 878270130406

Option 3 ID : 878270130407

Option 4 ID : 878270130408

Status : Answered

Chosen Option : 3

**Comprehension:**

Assume that there are 2 firms producing steel. There is a negative externality due to production causing pollution. Firm 1's output is  $q_1$  and firm 2's is  $q_2$ . Assume that the market price for steel is  $P_s = 1$ . Now consider two scenarios :

Scenario 1 : Assume that firm 1's cost function is  $C_1(q_1) = q_1^2$  and firm 2's cost function is  $C_2(q_2, q_1) = (q_2 + 0.75 q_1)^2$ . In short, firm 1's production is not affected by firm 2 but firm 2's production is affected by firm 1, i.e., Firms 1's operation causes firm 2's costs to rise.

Scenario 2 : Assume that negative externality works both ways i.e. both the firms face the adverse impact. So assume  $C_1(q_1, q_2) = (q_1 + 0.75 q_2)^2$  and  $C_2(q_1, q_2) = (q_2 + 0.75 q_1)^2$ , i.e., Firms 1's operation causes firm 2's costs to rise and vice versa.

**SubQuestion No : 144**

Q.144

What is the long run profit of firm 2 ( $\pi_2$ ), in Scenario 1 ?

- (1)  $\pi_2 = 0.125$
- (2)  $\pi_2 = 0.120$
- (3)  $\pi_2 = 0.5$
- (4)  $\pi_2 = 0$

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ

Question ID : 87827033141

Option 1 ID : 878270130409

Option 2 ID : 878270130410

Option 3 ID : 878270130411

Option 4 ID : 878270130412

Status : Answered

Chosen Option : 3



**Comprehension:**

Assume that there are 2 firms producing steel. There is a negative externality due to production causing pollution. Firm 1's output is  $q_1$  and firm 2's is  $q_2$ . Assume that the market price for steel is  $P_s = 1$ . Now consider two scenarios :

Scenario 1 : Assume that firm 1's cost function is  $C_1(q_1) = q_1^2$  and firm 2's cost function is  $C_2(q_2, q_1) = (q_2 + 0.75 q_1)^2$ . In short, firm 1's production is not affected by firm 2 but firm 2's production is affected by firm 1, i.e., Firm 1's operation causes firm 2's costs to rise.

Scenario 2 : Assume that negative externality works both ways i.e. both the firms face the adverse impact. So assume  $C_1(q_1, q_2) = (q_1 + 0.75 q_2)^2$  and  $C_2(q_1, q_2) = (q_2 + 0.75 q_1)^2$ , i.e., Firm 1's operation causes firm 2's costs to rise and vice versa.

**SubQuestion No : 145**

**Q.145** What is the equilibrium profit of firm 2 ( $\pi_2$ ) in the short run, in Scenario 1 ?

- (1)  $\pi_2 = 0.025$
- (2)  $\pi_2 = 0.125$
- (3)  $\pi_2 = -0.125$
- (4)  $\pi_2 = 0.75$

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ

Question ID : 87827033139

Option 1 ID : 878270130401

Option 2 ID : 878270130402

Option 3 ID : 878270130403

Option 4 ID : 878270130404

Status : Answered

Chosen Option : 2

**Comprehension:**

According to the NSO, MOSPI press release dated 31<sup>st</sup> May 2023, the revised estimate of GDP at the current price for the year 2021-22 was Rs. 2,34,71,012 crores and that for 2020-21 was Rs. 1,98,29,927 crores. The GDP at 2011-12 constant prices for the year 2020-21 and 2021-22 were Rs. 1,36,87,118 crores and Rs. 1,49,25,840 crores respectively. At the current prices, the net taxes on products was Rs. 20,32,128 crores in 2021-22(RE). The PFCE, GFCE, GFCF in 2021-22 were Rs. 1,43,44,336 crores, Rs. 26,25,361 crores and Rs. 67,86,391 crores respectively. Change in stocks(CIS), valuables and discrepancies in 2021-22 were Rs. 1,63,438 crores, Rs. 3,79,112 crores and Rs. (-) 208,247 crores (negative) respectively in current prices.

**SubQuestion No : 146**

**Q.146** The Gross Value Added (GVA) at basic prices in 2021-22 was :

- (1) Rs. 2,55,03,140 crore
- (2) Rs. 2,14,38,884 crore
- (3) Rs. 2,34,71,012 crore
- (4) Rs. 1,49,37,569 crore

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ

Question ID : 87827033147

Option 1 ID : 878270130429

Option 2 ID : 878270130430

Option 3 ID : 878270130431

Option 4 ID : 878270130432

Status : Answered

Chosen Option : 2





**Comprehension:**

According to the NSO, MOSPI press release dated 31<sup>st</sup> May 2023, the revised estimate of GDP at the current price for the year 2021-22 was Rs. 2,34,71,012 crores and that for 2020-21 was Rs. 1,98,29,927 crores. The GDP at 2011-12 constant prices for the year 2020-21 and 2021-22 were Rs. 1,36,87,118 crores and Rs. 1,49,25,840 crores respectively. At the current prices, the net taxes on products was Rs. 20,32,128 crores in 2021-22(RE). The PFCE, GFCE, GFCF in 2021-22 were Rs. 1,43,44,336 crores, Rs. 26,25,361 crores and Rs. 67,86,391 crores respectively. Change in stocks(CIS), valuables and discrepancies in 2021-22 were Rs. 1,63,438 crores, Rs. 3,79,112 crores and Rs. (-) 208,247 crores (negative) respectively in current prices.

**SubQuestion No : 147**

**Q.147**

What was the inflation rate in India based on the GDP deflators ?

- (1) 4.5 %
- (2) 6.6 %
- (3) 9.3 %
- (4) 10.2 %

**Options 1. 1**

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **87827033145**

Option 1 ID : **878270130421**

Option 2 ID : **878270130422**

Option 3 ID : **878270130423**

Option 4 ID : **878270130424**

Status : **Answered**

Chosen Option : **1**

**Comprehension:**

According to the NSO, MOSPI press release dated 31<sup>st</sup> May 2023, the revised estimate of GDP at the current price for the year 2021-22 was Rs. 2,34,71,012 crores and that for 2020-21 was Rs. 1,98,29,927 crores. The GDP at 2011-12 constant prices for the year 2020-21 and 2021-22 were Rs. 1,36,87,118 crores and Rs. 1,49,25,840 crores respectively. At the current prices, the net taxes on products was Rs. 20,32,128 crores in 2021-22(RE). The PFCE, GFCE, GFCF in 2021-22 were Rs. 1,43,44,336 crores, Rs. 26,25,361 crores and Rs. 67,86,391 crores respectively. Change in stocks(CIS), valuables and discrepancies in 2021-22 were Rs. 1,63,438 crores, Rs. 3,79,112 crores and Rs. (-) 208,247 crores (negative) respectively in current prices.

**SubQuestion No : 148**

**Q.148**

The current account deficit to GDP ratio (both at current prices) in 2021-22 for India was :

- (1) 1.75 %
- (2) 3.53 %
- (3) 4.06 %
- (4) 2.64 %

**Options 1. 1**

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **87827033146**

Option 1 ID : **878270130425**

Option 2 ID : **878270130426**

Option 3 ID : **878270130427**

Option 4 ID : **878270130428**

Status : **Answered**

Chosen Option : **2**







**Comprehension:**

According to the NSO, MOSPI press release dated 31<sup>st</sup> May 2023, the revised estimate of GDP at the current price for the year 2021-22 was Rs. 2,34,71,012 crores and that for 2020-21 was Rs. 1,98,29,927 crores. The GDP at 2011-12 constant prices for the year 2020-21 and 2021-22 were Rs. 1,36,87,118 crores and Rs. 1,49,25,840 crores respectively. At the current prices, the net taxes on products was Rs. 20,32,128 crores in 2021-22(RE). The PFCE, GFCE, GFCF in 2021-22 were Rs. 1,43,44,336 crores, Rs. 26,25,361 crores and Rs. 67,86,391 crores respectively. Change in stocks(CIS), valuables and discrepancies in 2021-22 were Rs. 1,63,438 crores, Rs. 3,79,112 crores and Rs. (-) 208,247 crores (negative) respectively in current prices.

**SubQuestion No : 149**

**Q.149**

In 2021-22, the investment GDP ratio in India was :

- (1) 31.2%
- (2) 90%
- (3) 40.1%
- (4) 42.4%

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **87827033148**

Option 1 ID : **878270130433**

Option 2 ID : **878270130434**

Option 3 ID : **878270130435**

Option 4 ID : **878270130436**

Status : **Answered**

Chosen Option : **3**



**Comprehension:**

According to the NSO, MOSPI press release dated 31<sup>st</sup> May 2023, the revised estimate of GDP at the current price for the year 2021-22 was Rs. 2,34,71,012 crores and that for 2020-21 was Rs. 1,98,29,927 crores. The GDP at 2011-12 constant prices for the year 2020-21 and 2021-22 were Rs. 1,36,87,118 crores and Rs. 1,49,25,840 crores respectively. At the current prices, the net taxes on products was Rs. 20,32,128 crores in 2021-22(RE). The PFCE, GFCE, GFCF in 2021-22 were Rs. 1,43,44,336 crores, Rs. 26,25,361 crores and Rs. 67,86,391 crores respectively. Change in stocks(CIS), valuables and discrepancies in 2021-22 were Rs. 1,63,438 crores, Rs. 3,79,112 crores and Rs. (-) 208,247 crores (negative) respectively in current prices.

**SubQuestion No : 150**

**Q.150**

If the value of exports in 2021-22 at current price be Rs. 50,49,645 crores, the import in 2021-22 at current price in India was :

- (1) Rs. 56,69,024 crores
- (2) Rs. 6,19,378 crores
- (3) Rs. 1,17,18,975 crores
- (4) Rs. 94,11,752 crores

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **87827033149**

Option 1 ID : **878270130437**

Option 2 ID : **878270130438**

Option 3 ID : **878270130439**

Option 4 ID : **878270130440**

Status : **Answered**

Chosen Option : **1**

